

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030154.D
 Acq On : 21 Jul 2022 00:15
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 21 03:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	180196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131503	59.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.920%	
35) Dibromofluoromethane	5.391	113	109106	50.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.653	98	417915	51.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	11.085	95	152899	54.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107981	52.814	ug/l	99
3) Chloromethane	1.288	50	98098	52.243	ug/l	99
4) Vinyl Chloride	1.374	62	110776	53.114	ug/l	98
5) Bromomethane	1.605	94	42271	47.711	ug/l	99
6) Chloroethane	1.679	64	62742	53.421	ug/l	98
7) Trichlorofluoromethane	1.880	101	146529	54.401	ug/l	97
8) Diethyl Ether	2.136	74	57447	51.554	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	103309	56.183	ug/l	100
10) Methyl Iodide	2.447	142	107552	59.114	ug/l	96
11) Tert butyl alcohol	3.002	59	153714	271.546	ug/l	97
12) 1,1-Dichloroethene	2.313	96	106161	57.824	ug/l	97
13) Acrolein	2.239	56	25024	221.960	ug/l	97
14) Allyl chloride	2.666	41	192818	60.099	ug/l	97
15) Acrylonitrile	3.069	53	404288	314.253	ug/l	99
16) Acetone	2.392	43	343647	332.507	ug/l	97
17) Carbon Disulfide	2.508	76	250733	48.796	ug/l	98
18) Methyl Acetate	2.709	43	202878	64.527	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	367558	63.337	ug/l	98
20) Methylene Chloride	2.788	84	124759	60.089	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	112987	59.043	ug/l	97
22) Diisopropyl ether	3.770	45	423317	67.406	ug/l	87
23) Vinyl Acetate	3.727	43	1821318	342.584	ug/l	99
24) 1,1-Dichloroethane	3.611	63	214674	61.688	ug/l	99
25) 2-Butanone	4.568	43	579561	329.201	ug/l	96
26) 2,2-Dichloropropane	4.477	77	94980	38.854	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	136316	58.170	ug/l	99
28) Bromochloromethane	4.904	49	93537	63.890	ug/l	97
29) Tetrahydrofuran	5.013	42	387767	324.555	ug/l	97
30) Chloroform	5.105	83	215475	62.132	ug/l	98
31) Cyclohexane	5.477	56	189922	59.732	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	176491	62.266	ug/l	99
36) 1,1-Dichloropropene	5.696	75	155866	55.866	ug/l	98
37) Ethyl Acetate	4.727	43	217904	60.781	ug/l	98
38) Carbon Tetrachloride	5.678	117	145822	56.047	ug/l	98
39) Methylcyclohexane	7.385	83	191126	54.039	ug/l	98
40) Benzene	6.044	78	497935	56.703	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	118392	61.332	ug/l	96
42) 1,2-Dichloroethane	6.092	62	169661	62.341	ug/l	98
43) Isopropyl Acetate	6.348	43	327466	60.744	ug/l	99
44) Trichloroethene	7.135	130	127969	49.870	ug/l	100
45) 1,2-Dichloropropane	7.434	63	130058	56.980	ug/l	97
46) Dibromomethane	7.586	93	87587	55.753	ug/l	98
47) Bromodichloromethane	7.824	83	163380	57.314	ug/l	95
48) Methyl methacrylate	7.696	41	161733	65.021	ug/l	96
49) 1,4-Dioxane	7.678	88	71880	1112.264	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1114926	312.536	ug/l	98
52) Toluene	8.720	92	305040	54.703	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	162567	54.903	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	182439	53.783	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	130269	56.650	ug/l	96
56) Ethyl methacrylate	9.122	69	207278	59.953	ug/l	94
57) 1,3-Dichloropropane	9.311	76	210888	57.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	539936	287.605	ug/l	99
59) 2-Hexanone	9.433	43	867912	317.259	ug/l	96
60) Dibromochloromethane	9.525	129	121314	54.151	ug/l	98
61) 1,2-Dibromoethane	9.616	107	134938	56.382	ug/l	97
64) Tetrachloroethene	9.275	164	126836	52.662	ug/l	97
65) Chlorobenzene	10.080	112	321307	53.779	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	116421	57.159	ug/l	98
67) Ethyl Benzene	10.195	91	582710	57.546	ug/l	99
68) m/p-Xylenes	10.305	106	447124	112.583	ug/l	98
69) o-Xylene	10.647	106	221424	55.681	ug/l	96
70) Styrene	10.659	104	368615	55.848	ug/l	98
71) Bromoform	10.799	173	83998	51.330	ug/l #	98
73) Isopropylbenzene	10.964	105	569351	56.015	ug/l	100
74) N-amyl acetate	10.848	43	282019	63.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	197616	53.890	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	223337	66.543	ug/l	88
77) Bromobenzene	11.201	156	131797	51.826	ug/l	95
78) n-propylbenzene	11.305	91	680553	56.439	ug/l	99
79) 2-Chlorotoluene	11.366	91	405425	56.133	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	482179	56.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	55454	47.683	ug/l	95
82) 4-Chlorotoluene	11.457	91	463293	57.252	ug/l	97
83) tert-Butylbenzene	11.719	119	448671	54.627	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	483961	57.129	ug/l	98
85) sec-Butylbenzene	11.896	105	616888	56.813	ug/l	99
86) p-Isopropyltoluene	12.012	119	487398	55.952	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251550	53.535	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	256125	53.116	ug/l	99
89) n-Butylbenzene	12.335	91	463194	59.347	ug/l	99
90) Hexachloroethane	12.543	117	84357	56.648	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	254176	53.244	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52405	62.587	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	149084	50.844	ug/l	99
94) Hexachlorobutadiene	13.725	225	55227	47.176	ug/l	98
95) Naphthalene	13.774	128	641403	55.110	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159517	53.467	ug/l	99

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QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

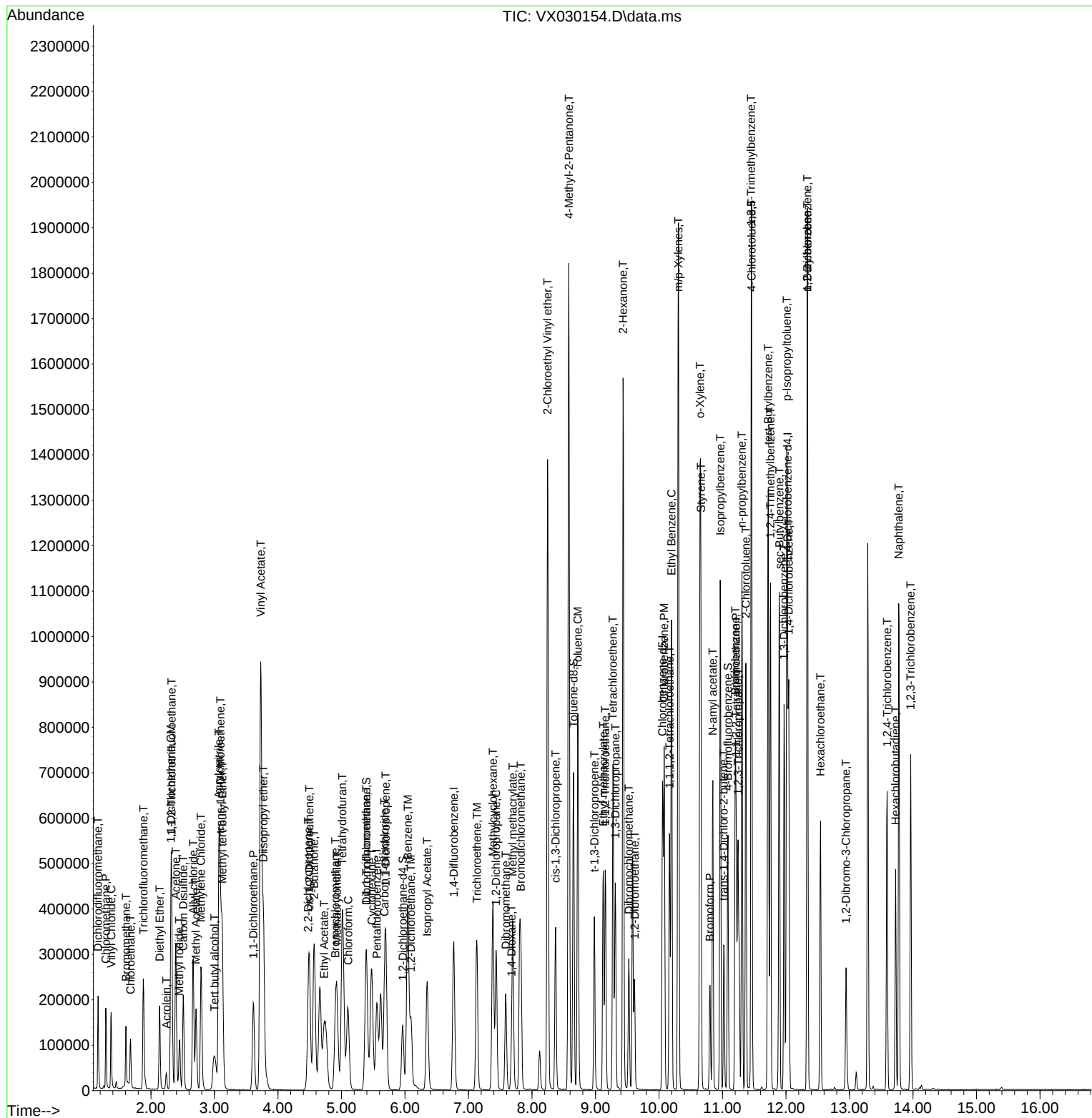
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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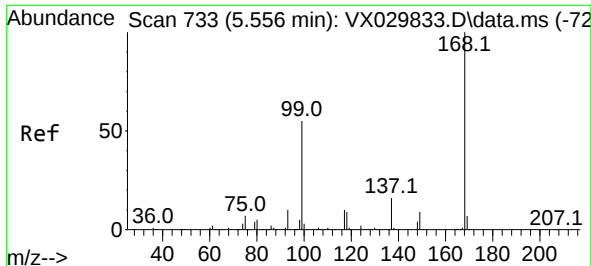
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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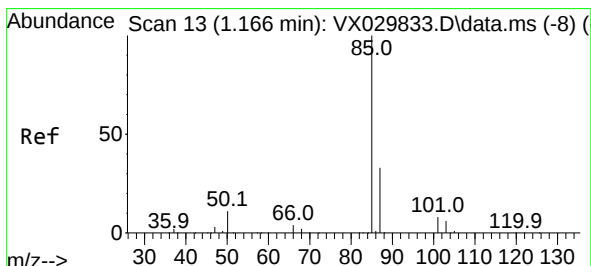
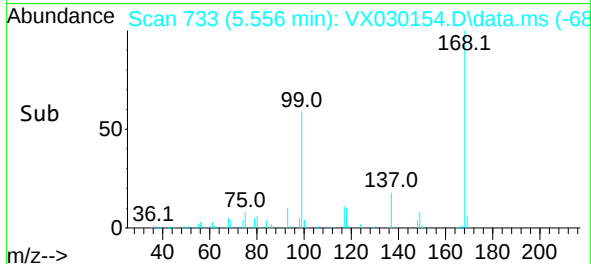
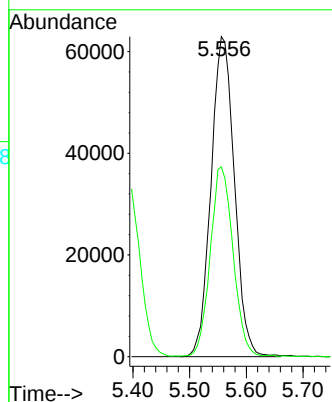
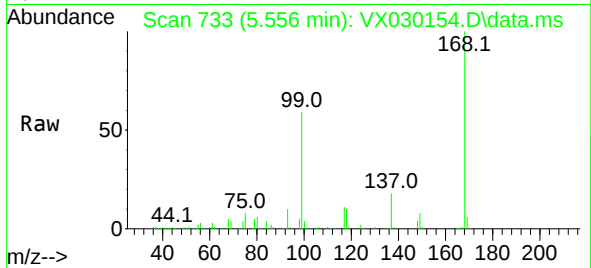




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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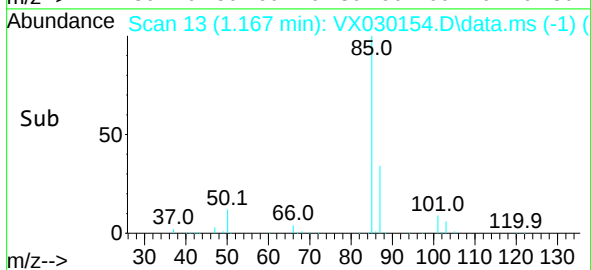
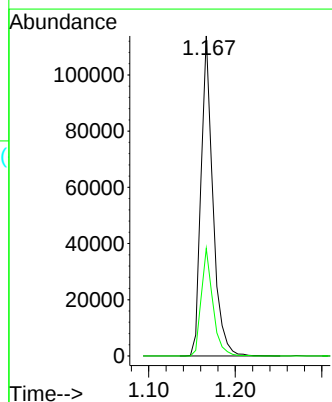
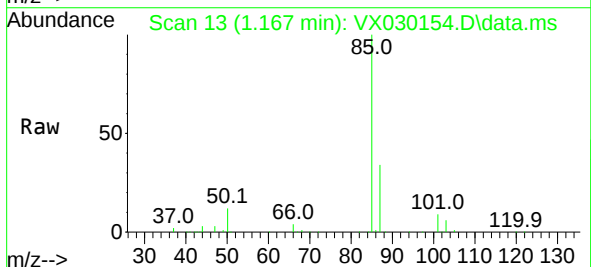
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

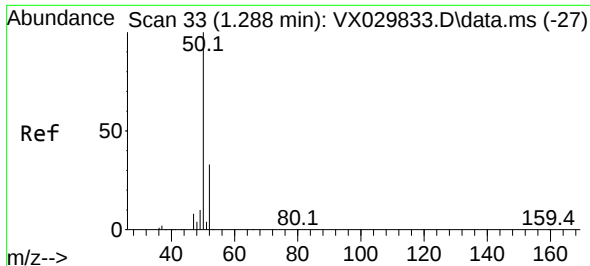
Tgt Ion:168 Resp: 180196
Ion Ratio Lower Upper
168 100
99 59.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 52.814 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 85 Resp: 107981
Ion Ratio Lower Upper
85 100
87 33.6 16.5 49.5

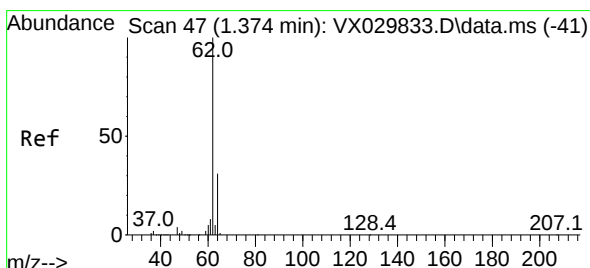
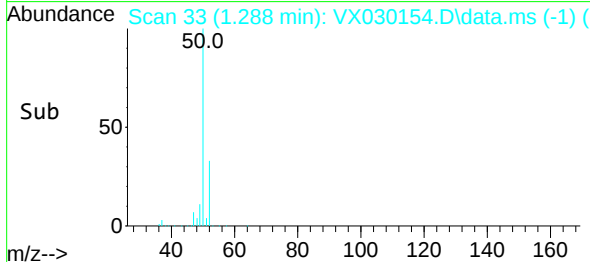
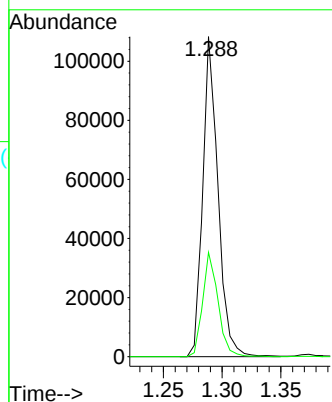
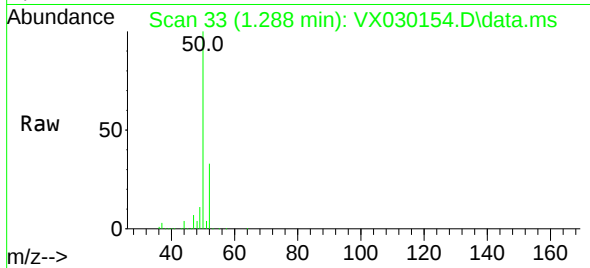




#3
Chloromethane
Concen: 52.243 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

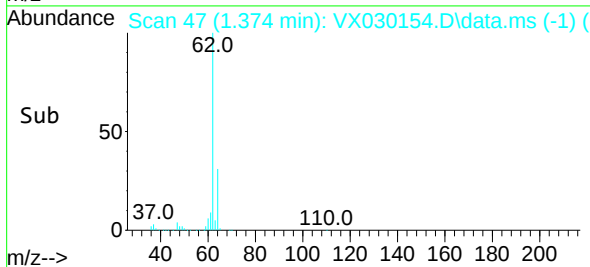
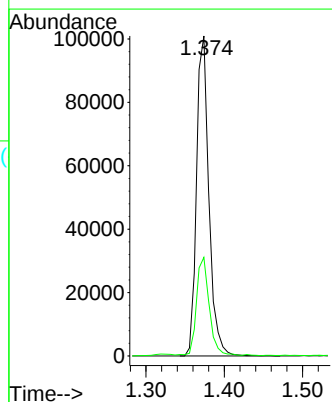
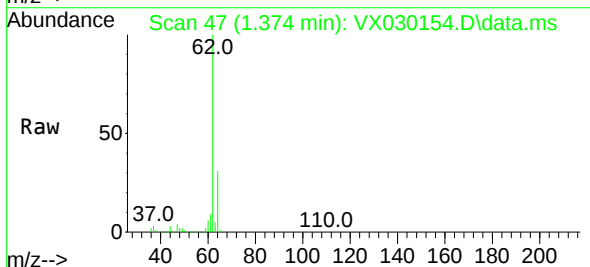
Instrument :
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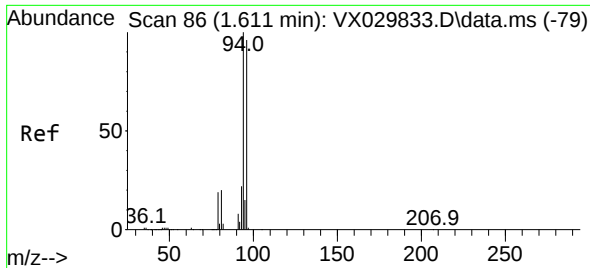
Tgt Ion: 50 Resp: 98098
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 53.114 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 62 Resp: 110776
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

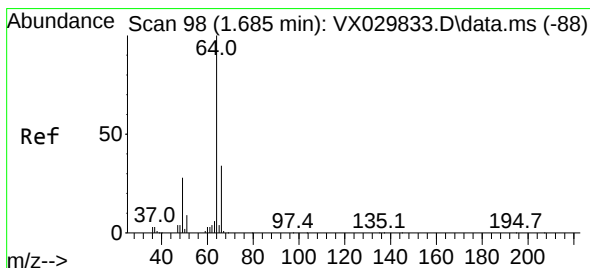
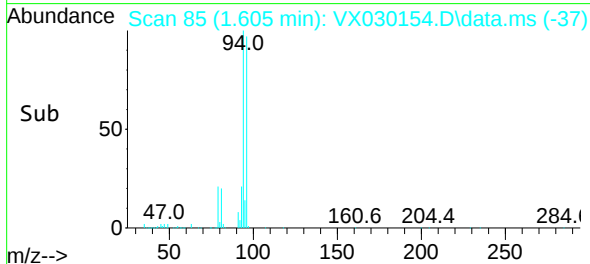
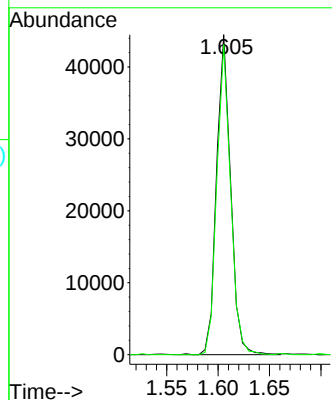
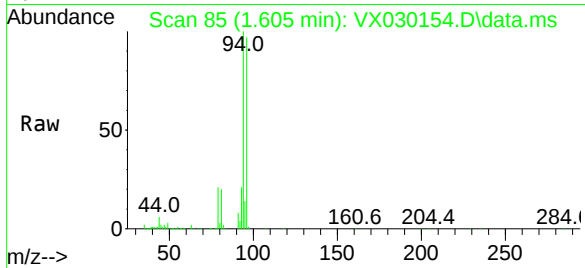




#5
Bromomethane
Concen: 47.711 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030154.D
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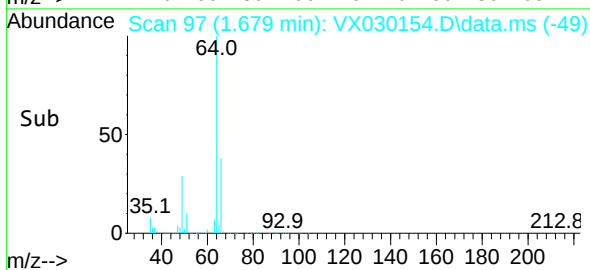
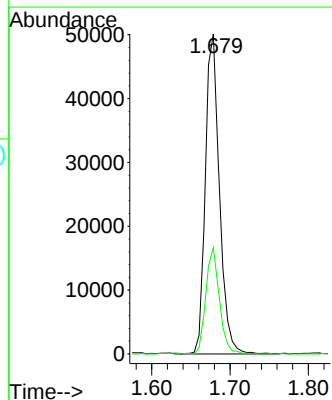
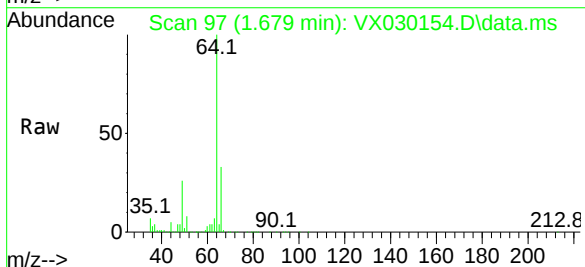
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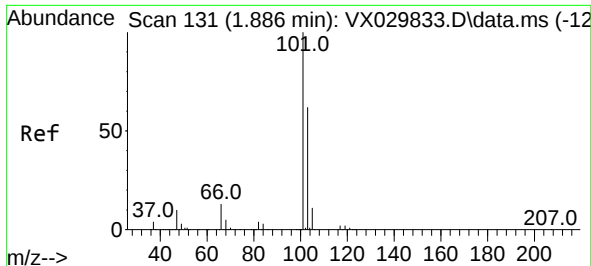
Tgt Ion: 94 Resp: 42271
Ion Ratio Lower Upper
94 100
96 96.9 76.9 115.3



#6
Chloroethane
Concen: 53.421 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 64 Resp: 62742
Ion Ratio Lower Upper
64 100
66 33.1 27.2 40.8

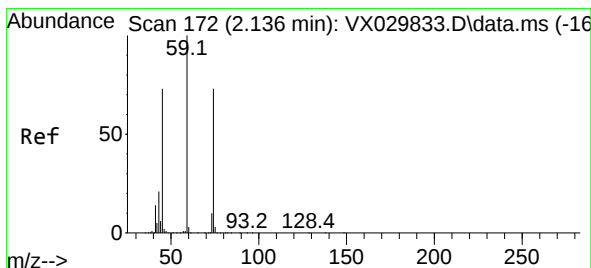
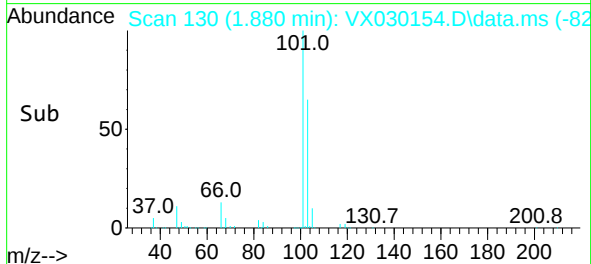
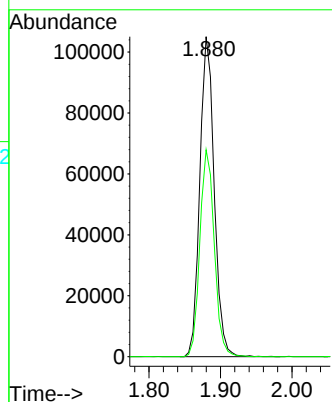
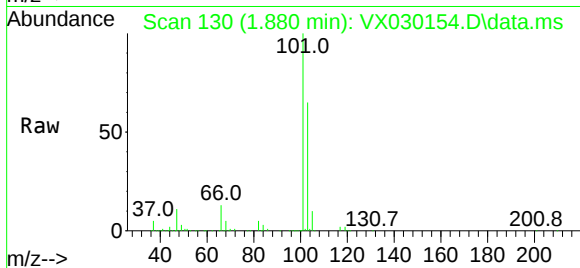




#7
Trichlorofluoromethane
Concen: 54.401 ug/l
RT: 1.880 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

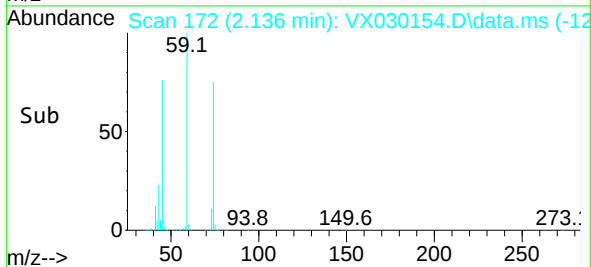
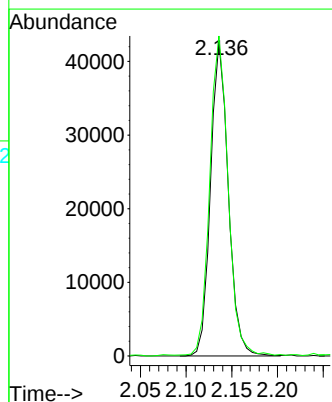
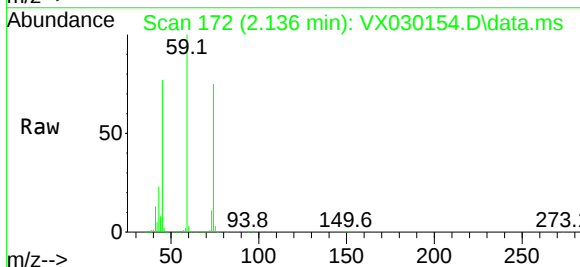
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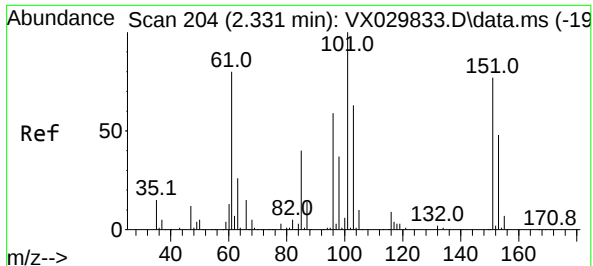
Tgt Ion:101 Resp: 146529
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5



#8
Diethyl Ether
Concen: 51.554 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 74 Resp: 57447
Ion Ratio Lower Upper
74 100
45 105.1 51.5 154.7

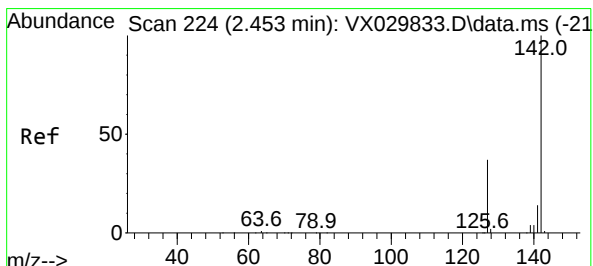
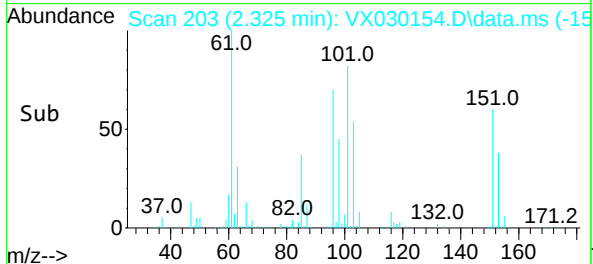
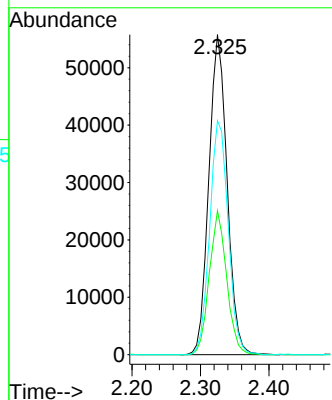
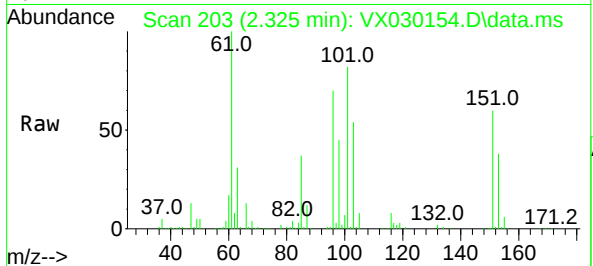




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.183 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

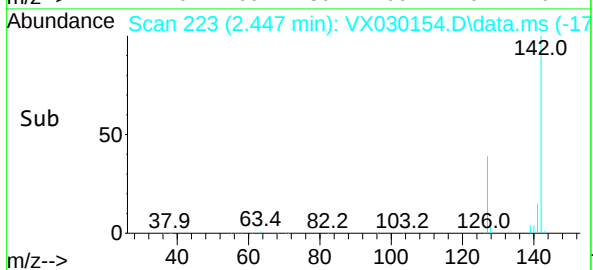
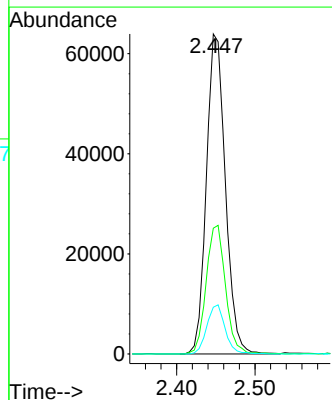
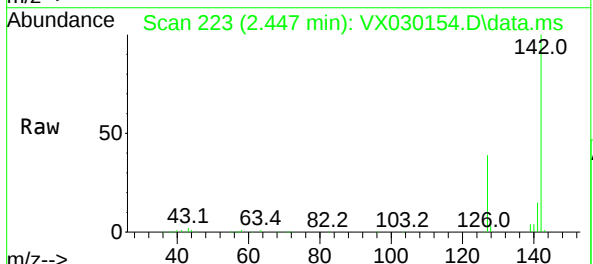
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

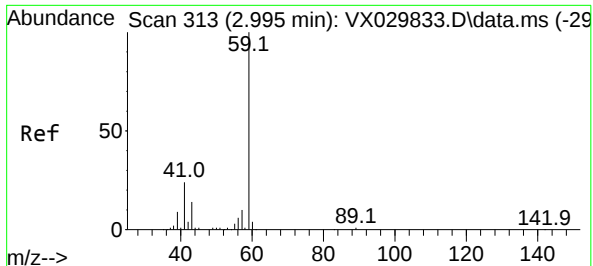
Tgt Ion:101 Resp: 103309
Ion Ratio Lower Upper
101 100
85 42.9 34.0 51.0
151 74.3 59.4 89.0



#10
Methyl Iodide
Concen: 59.114 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:142 Resp: 107552
Ion Ratio Lower Upper
142 100
127 41.0 30.2 45.2
141 14.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 271.546 ug/l

RT: 3.002 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

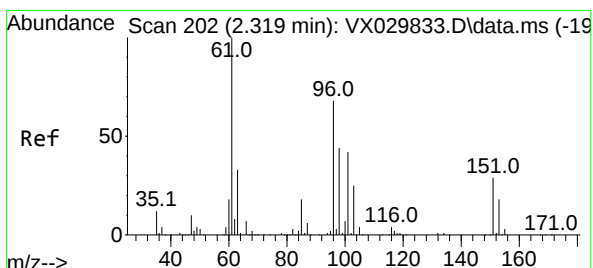
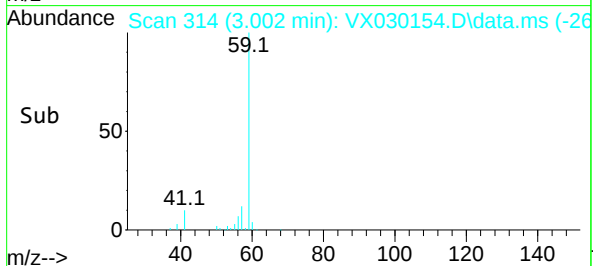
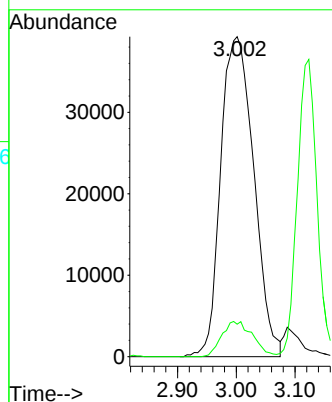
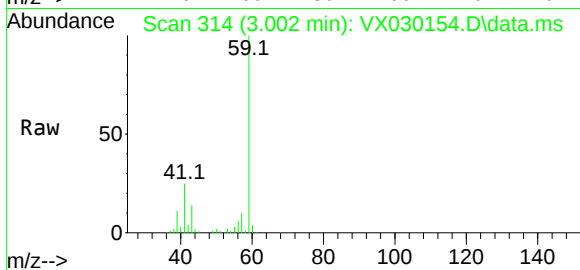
VSTDCCC050EC

Tgt Ion: 59 Resp: 153714

Ion Ratio Lower Upper

59 100

57 10.3 7.4 11.2



#12

1,1-Dichloroethene

Concen: 57.824 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

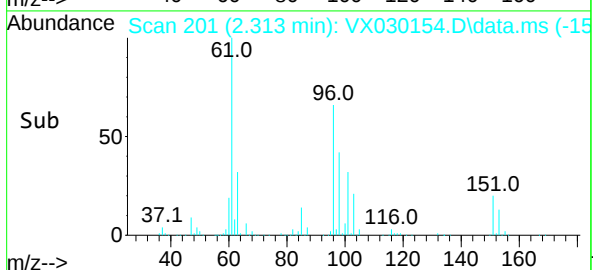
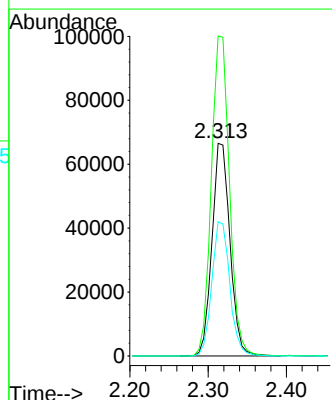
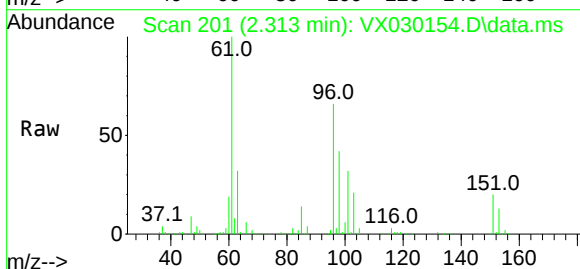
Tgt Ion: 96 Resp: 106161

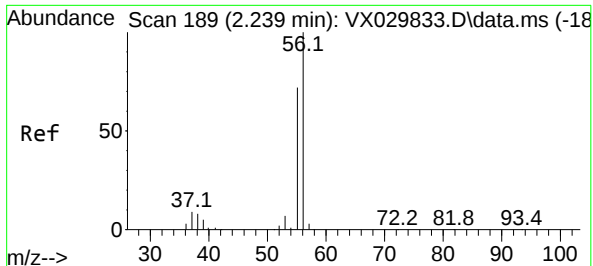
Ion Ratio Lower Upper

96 100

61 150.5 117.4 176.0

98 63.1 52.2 78.4

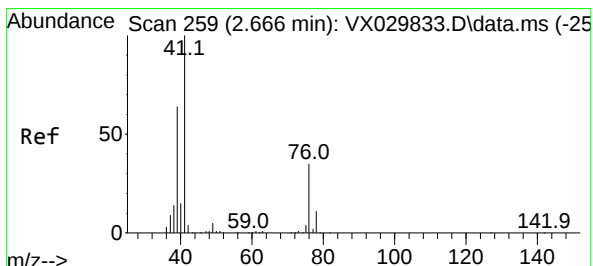
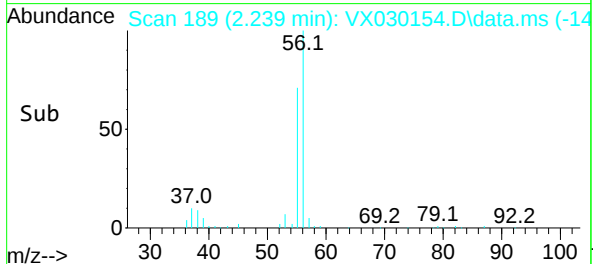
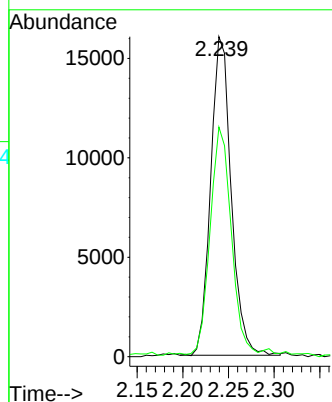
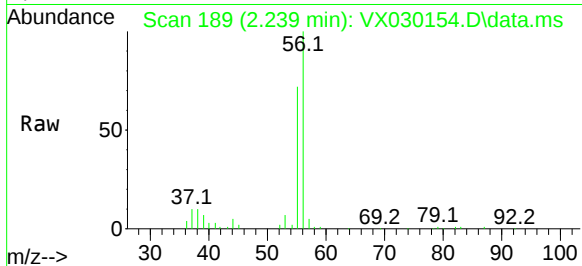




#13
Acrolein
Concen: 221.960 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

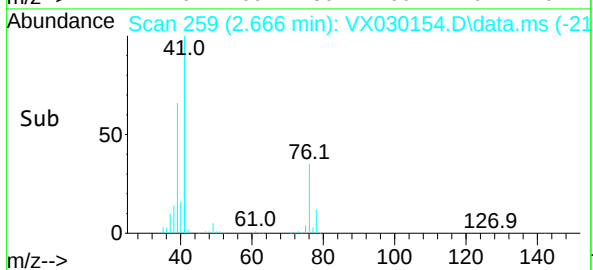
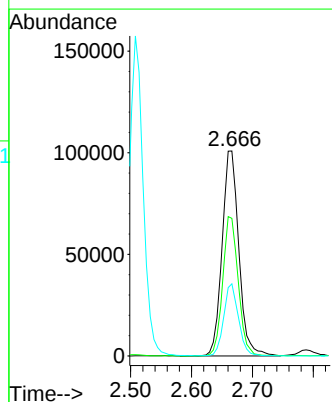
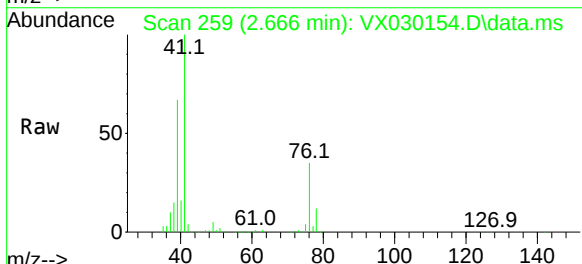
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

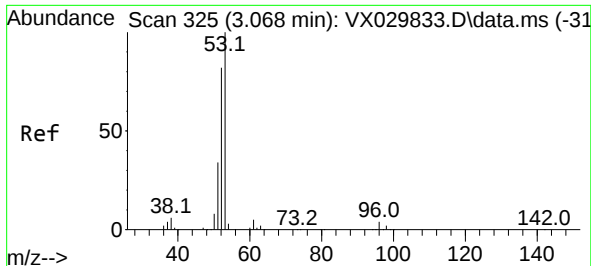
Tgt Ion: 56 Resp: 25024
Ion Ratio Lower Upper
56 100
55 72.9 56.6 84.8



#14
Allyl chloride
Concen: 60.099 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 41 Resp: 192818
Ion Ratio Lower Upper
41 100
39 63.1 48.9 73.3
76 31.0 26.9 40.3

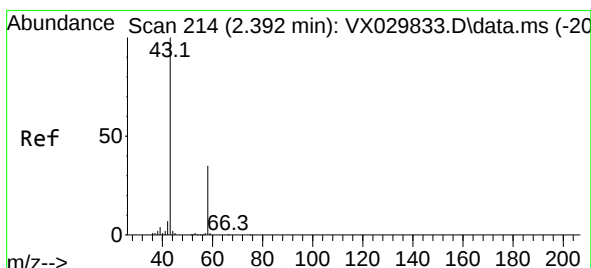
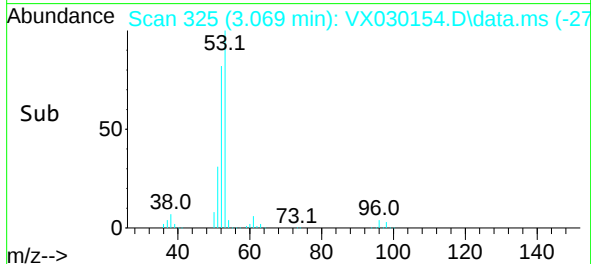
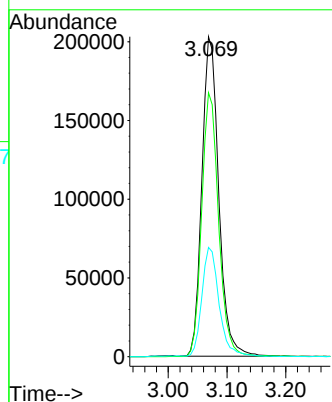
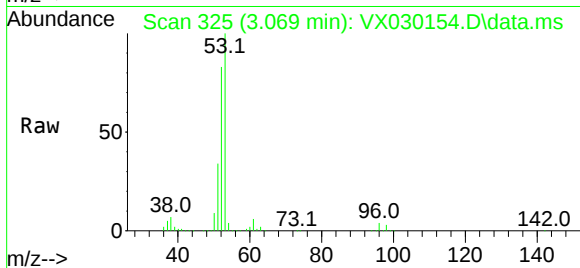




#15
Acrylonitrile
Concen: 314.253 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

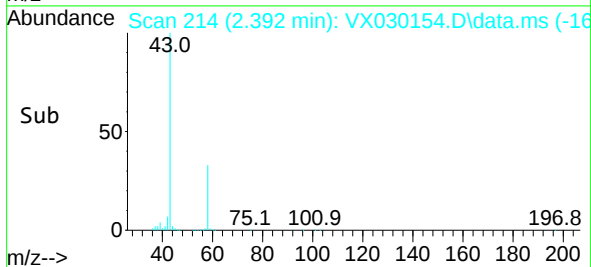
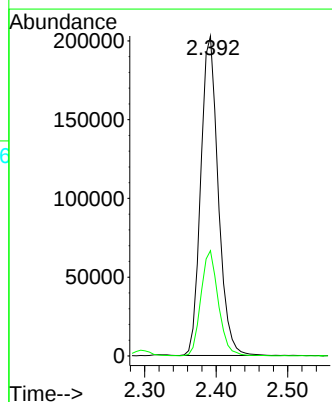
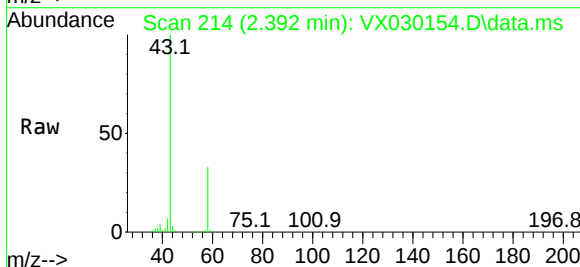
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

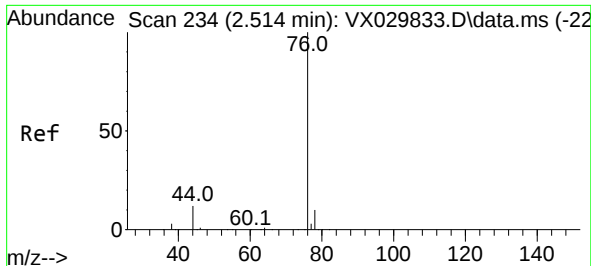
Tgt Ion: 53 Resp: 404288
Ion Ratio Lower Upper
53 100
52 82.5 65.4 98.0
51 35.0 27.7 41.5



#16
Acetone
Concen: 332.507 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 43 Resp: 343647
Ion Ratio Lower Upper
43 100
58 32.9 27.7 41.5





#17

Carbon Disulfide

Concen: 48.796 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

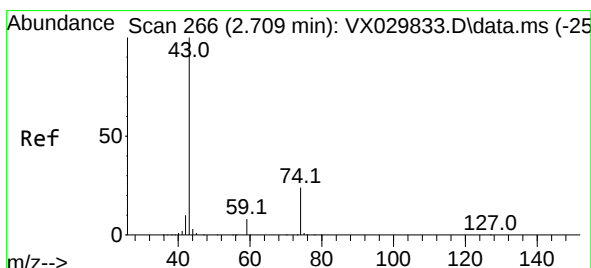
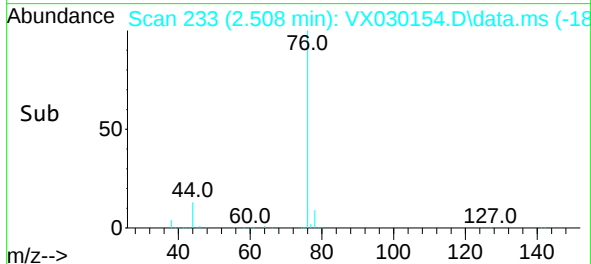
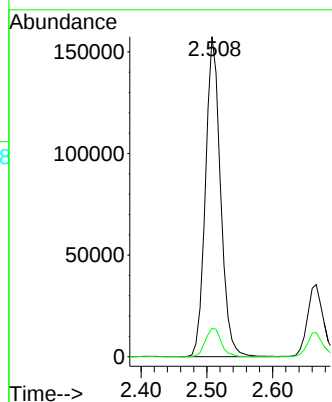
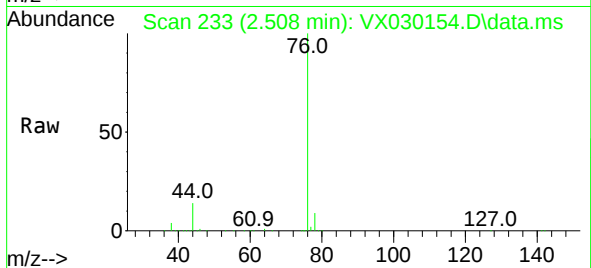
VSTDCCC050EC

Tgt Ion: 76 Resp: 250733

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6



#18

Methyl Acetate

Concen: 64.527 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX030154.D

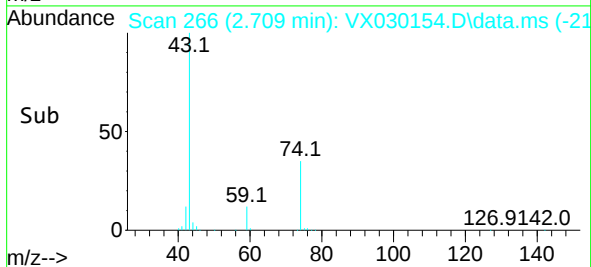
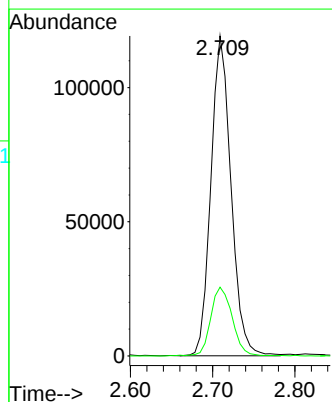
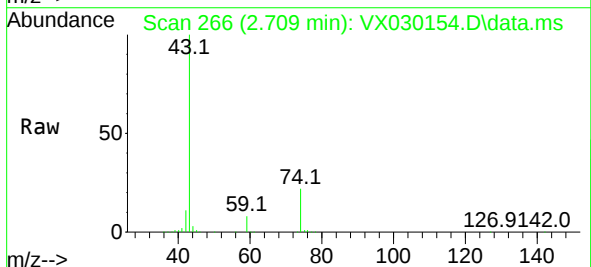
Acq: 21 Jul 2022 00:15

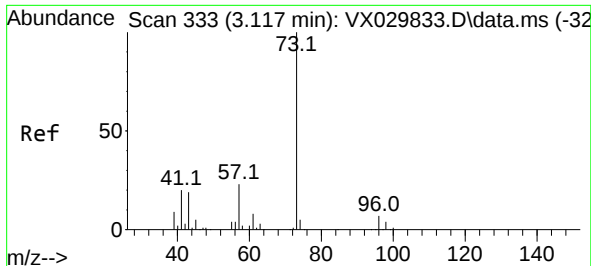
Tgt Ion: 43 Resp: 202878

Ion Ratio Lower Upper

43 100

74 23.1 19.4 29.2

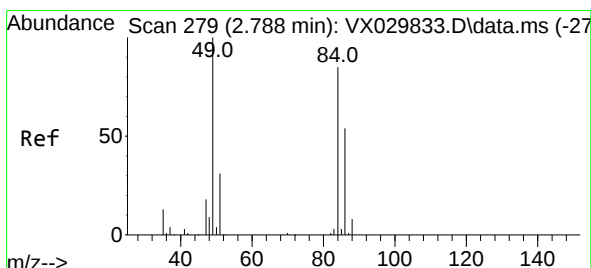
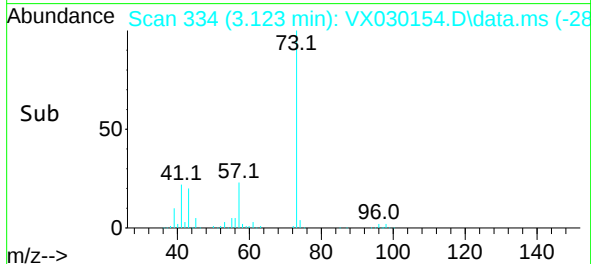
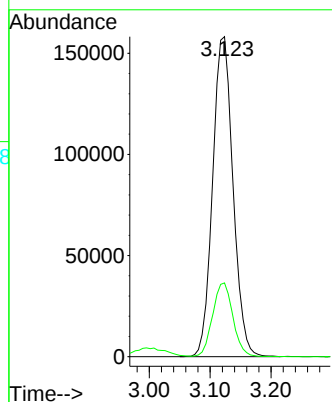
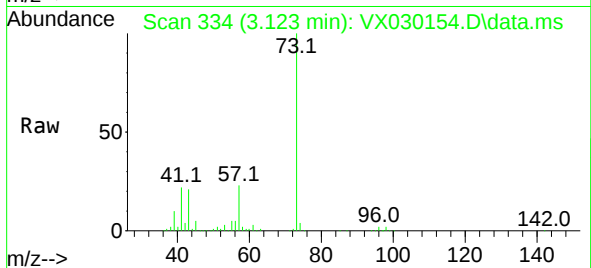




#19
Methyl tert-butyl Ether
Concen: 63.337 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

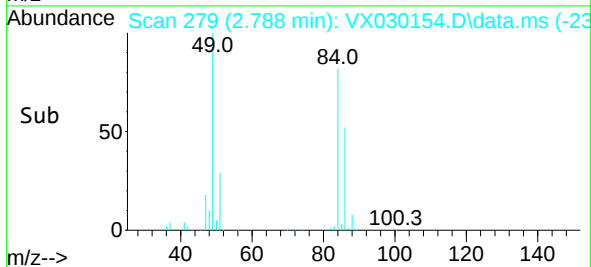
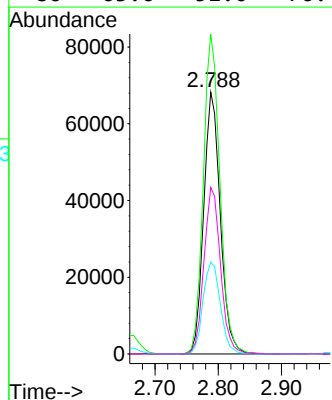
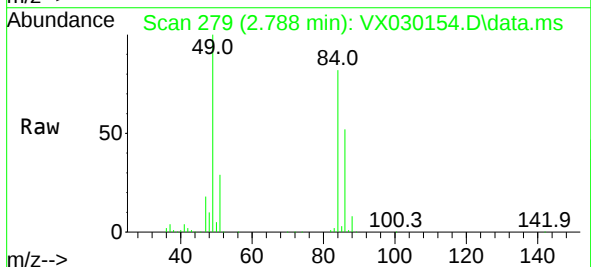
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

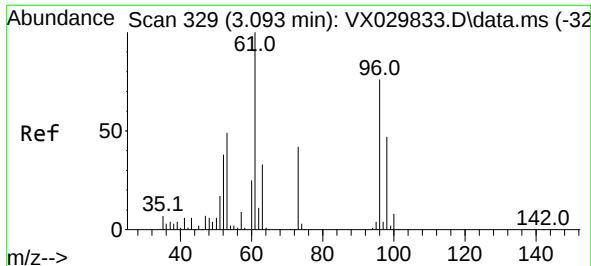
Tgt Ion: 73 Resp: 367558
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6



#20
Methylene Chloride
Concen: 60.089 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 84 Resp: 124759
Ion Ratio Lower Upper
84 100
49 122.2 93.8 140.6
51 35.1 29.4 44.0
86 63.6 51.0 76.4

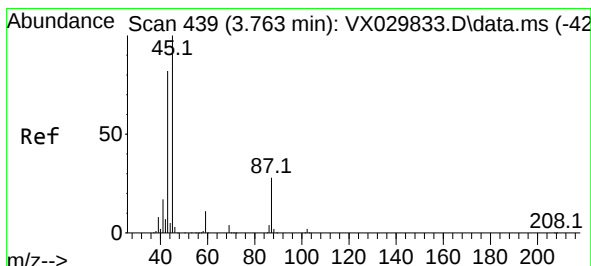
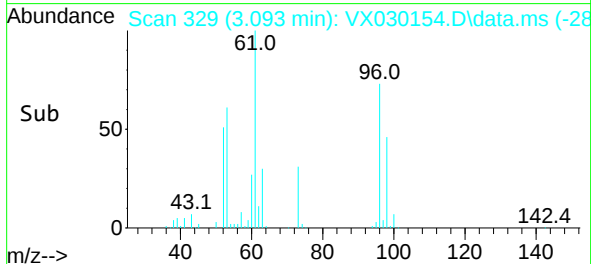
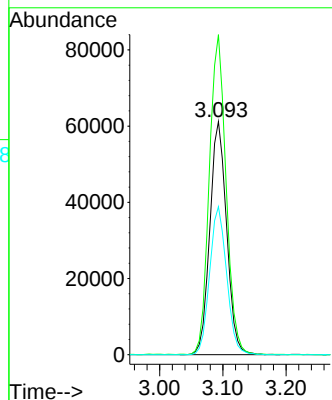
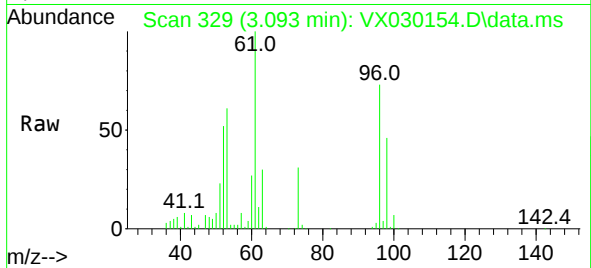




#21
trans-1,2-Dichloroethene
Concen: 59.043 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

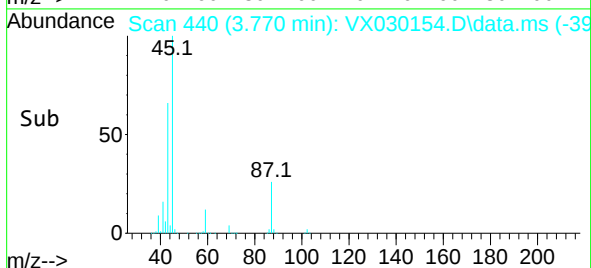
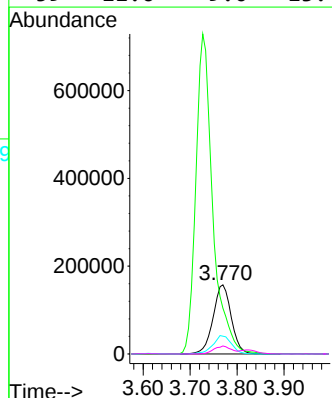
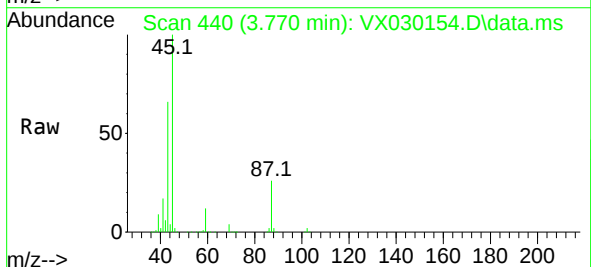
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

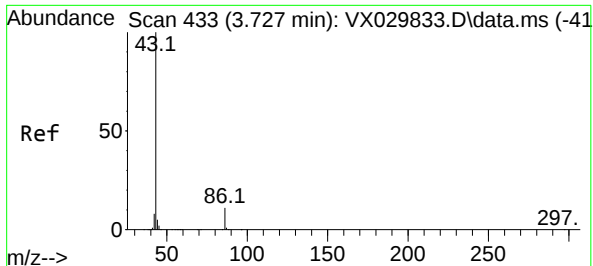
Tgt Ion: 96 Resp: 112987
Ion Ratio Lower Upper
96 100
61 137.1 105.6 158.4
98 63.5 50.1 75.1



#22
Diisopropyl ether
Concen: 67.406 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 45 Resp: 423317
Ion Ratio Lower Upper
45 100
43 65.8 65.4 98.0
87 25.8 22.3 33.5
59 11.6 9.0 13.4

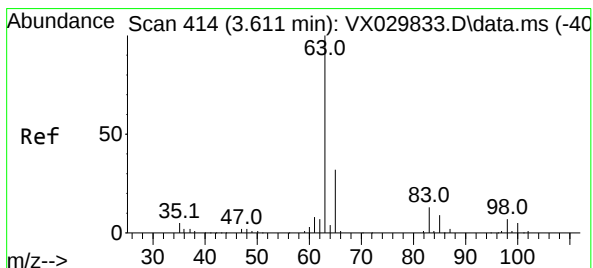
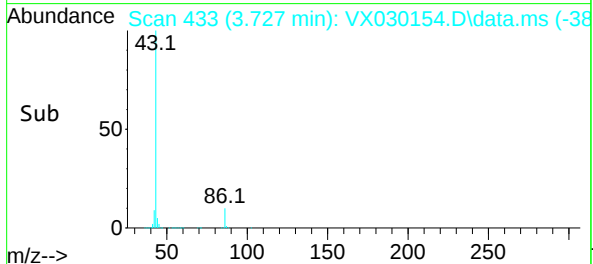
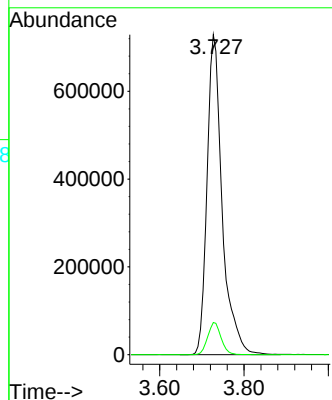
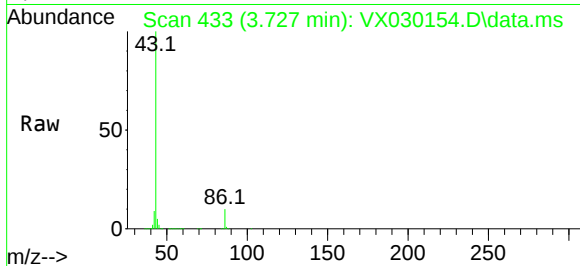




#23
 Vinyl Acetate
 Concen: 342.584 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030154.D
 Acq: 21 Jul 2022 00:15

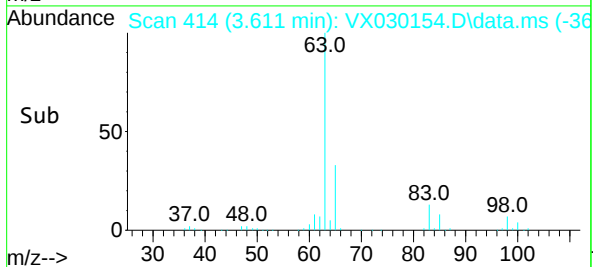
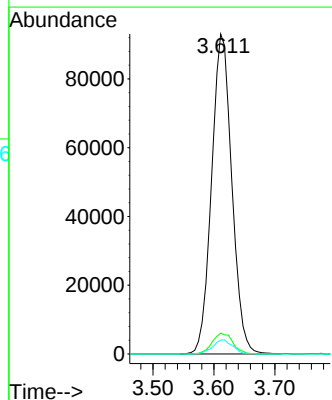
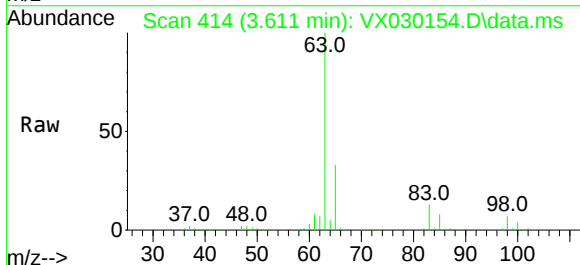
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

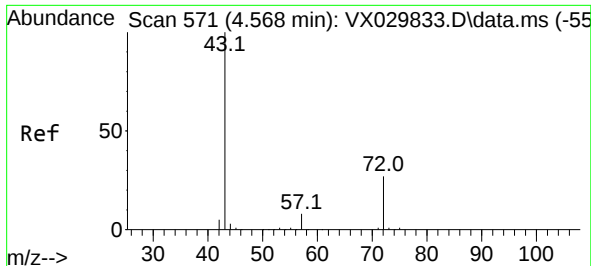
Tgt Ion: 43 Resp: 1821318
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 61.688 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030154.D
 Acq: 21 Jul 2022 00:15

Tgt Ion: 63 Resp: 214674
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 329.201 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

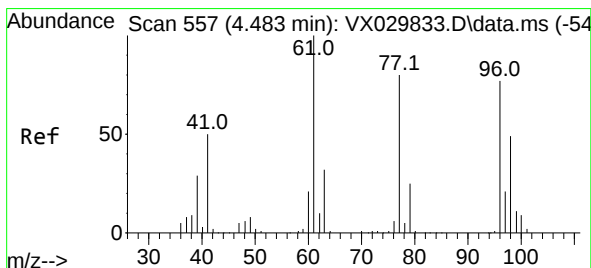
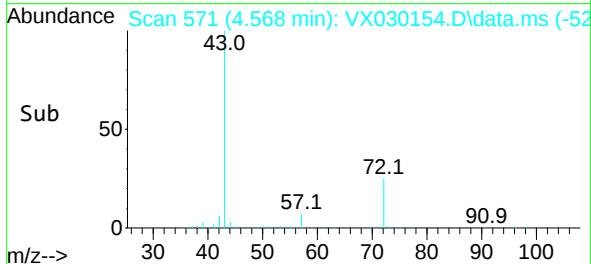
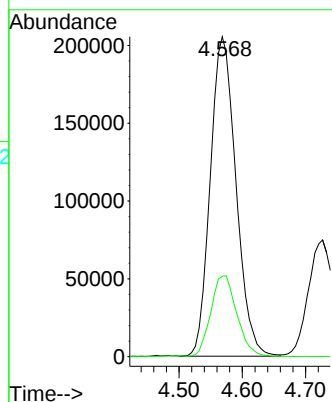
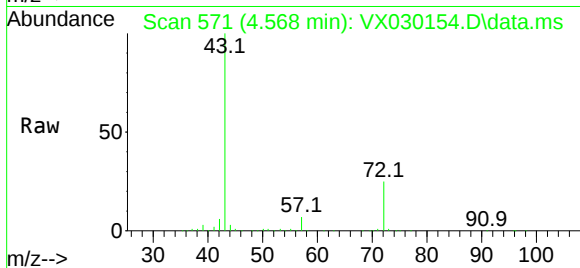
VSTDCCC050EC

Tgt Ion: 43 Resp: 579561

Ion Ratio Lower Upper

43 100

72 25.1 21.7 32.5



#26

2,2-Dichloropropane

Concen: 38.854 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX030154.D

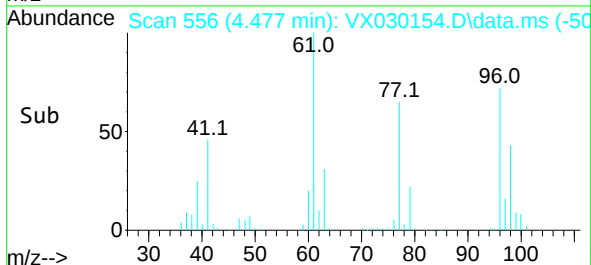
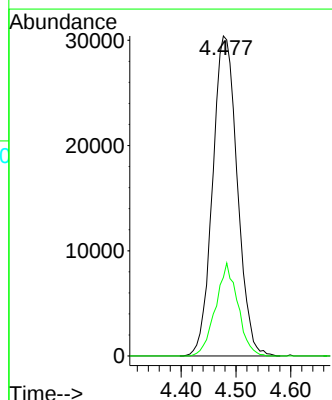
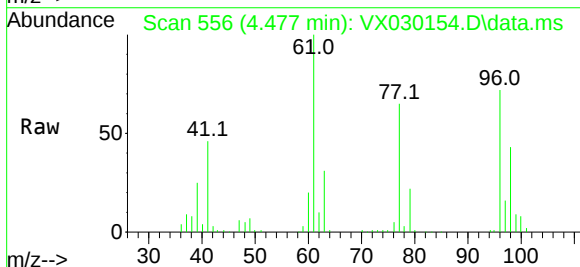
Acq: 21 Jul 2022 00:15

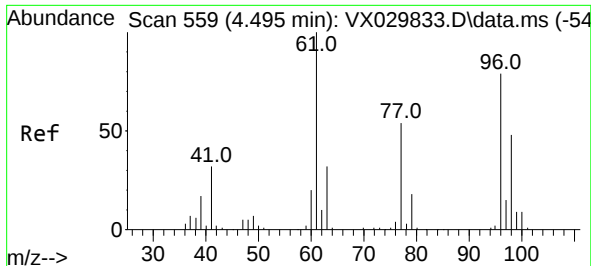
Tgt Ion: 77 Resp: 94980

Ion Ratio Lower Upper

77 100

97 26.1 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 58.170 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

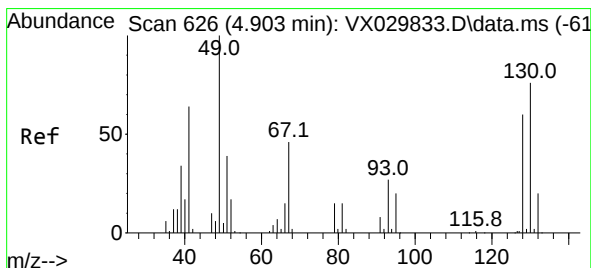
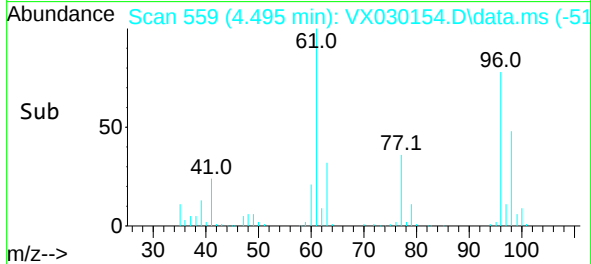
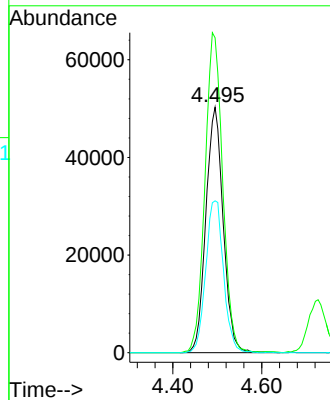
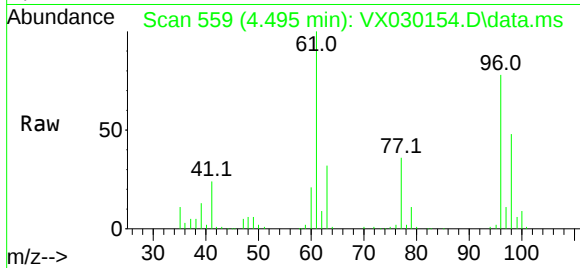
Tgt Ion: 96 Resp: 136316

Ion Ratio Lower Upper

96 100

61 133.5 0.0 270.0

98 63.7 0.0 127.8



#28

Bromochloromethane

Concen: 63.890 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.001 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

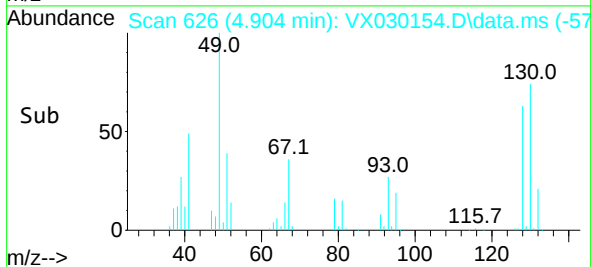
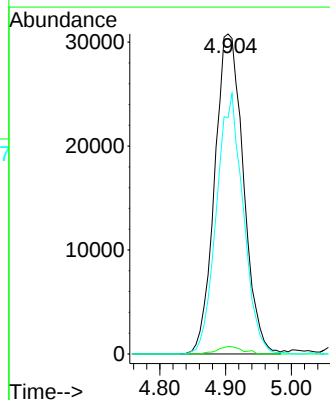
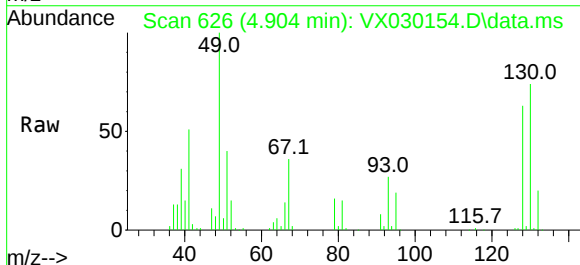
Tgt Ion: 49 Resp: 93537

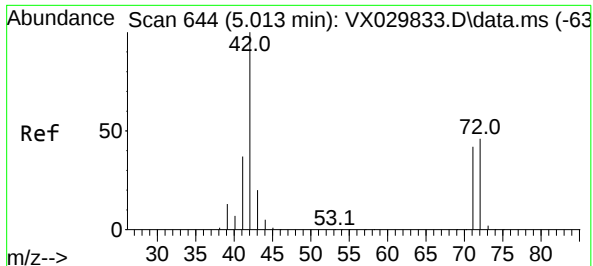
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 75.9 62.8 94.2





#29

Tetrahydrofuran

Concen: 324.555 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

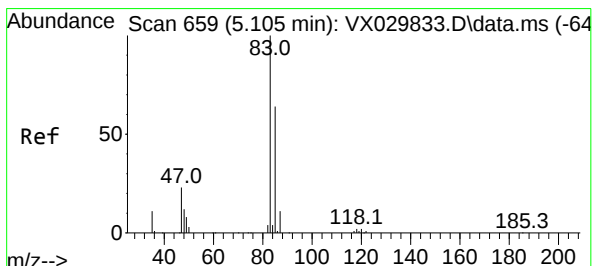
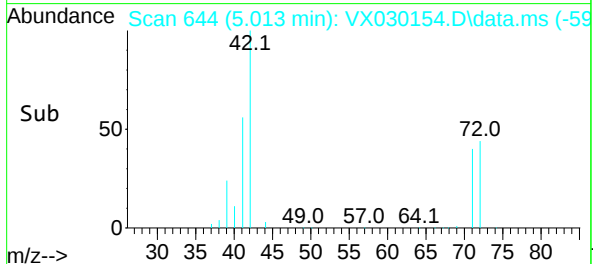
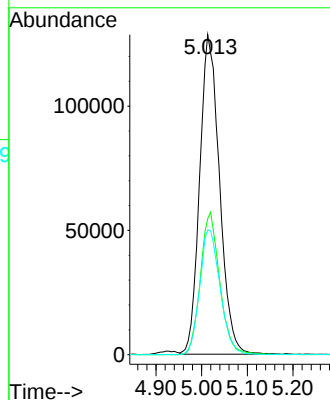
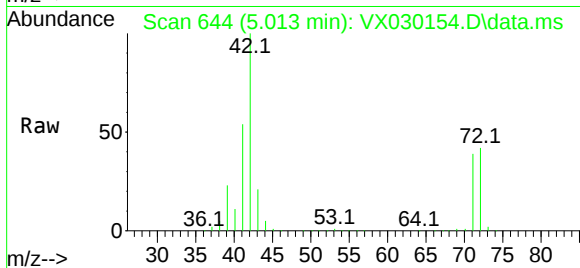
Tgt Ion: 42 Resp: 387767

Ion Ratio Lower Upper

42 100

72 43.6 36.5 54.7

71 40.1 33.9 50.9



#30

Chloroform

Concen: 62.132 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX030154.D

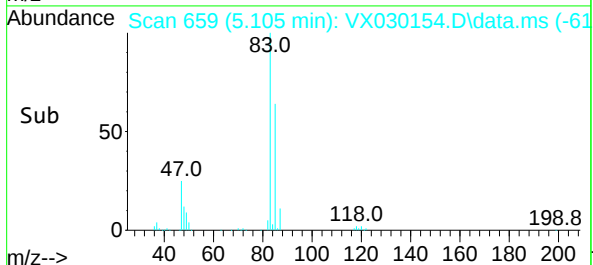
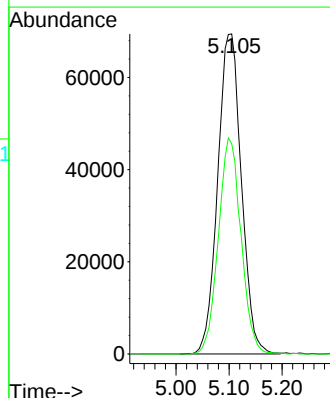
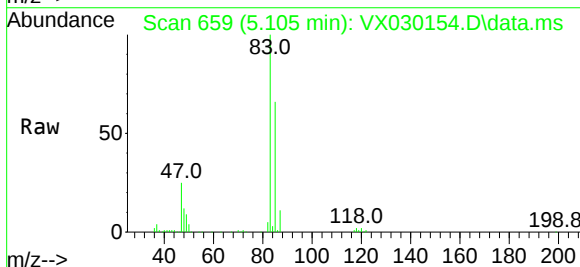
Acq: 21 Jul 2022 00:15

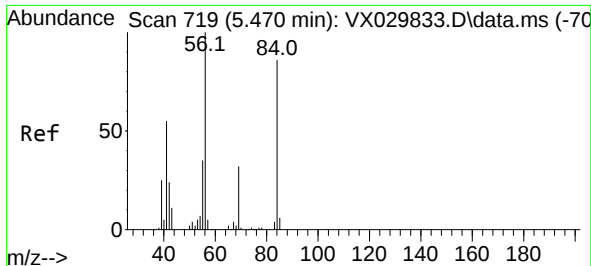
Tgt Ion: 83 Resp: 215475

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3



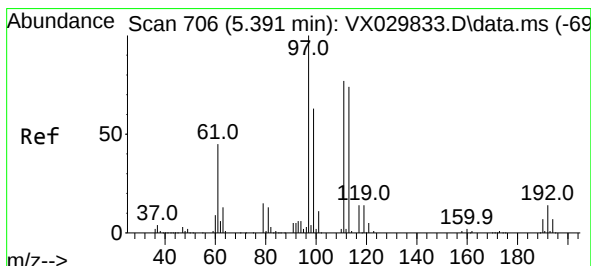
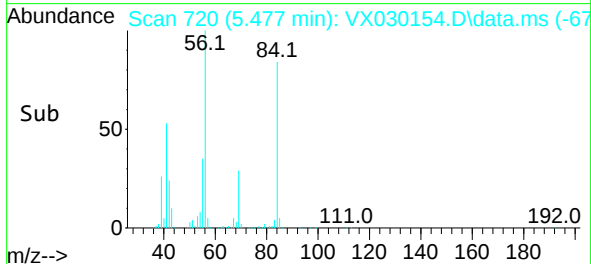
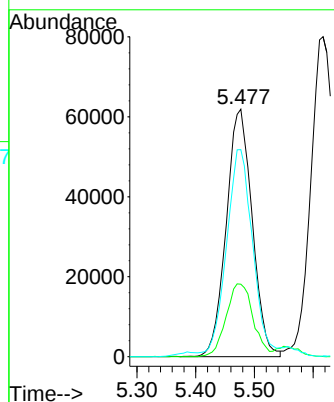
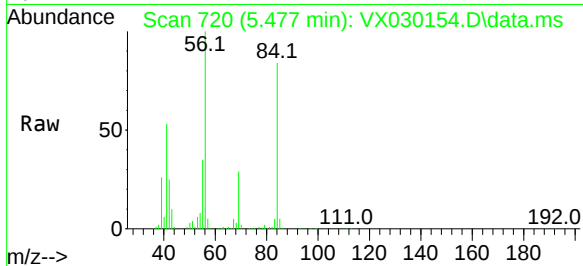


#31
Cyclohexane
Concen: 59.732 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 189922

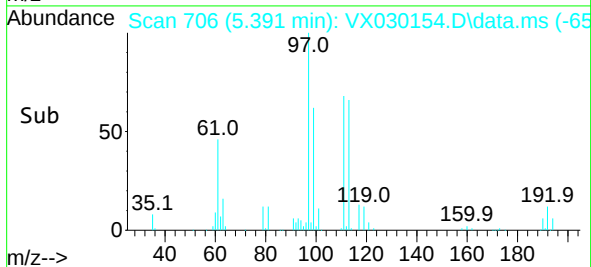
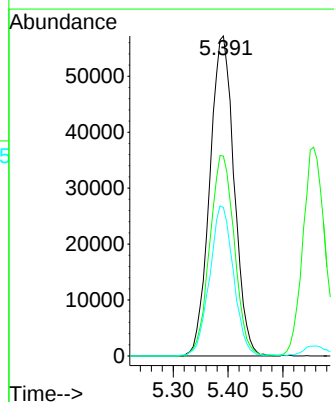
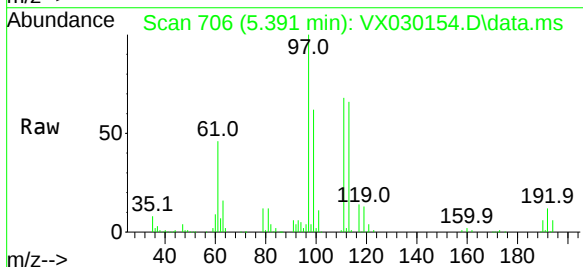
Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.4	38.0
84	82.4	68.9	103.3

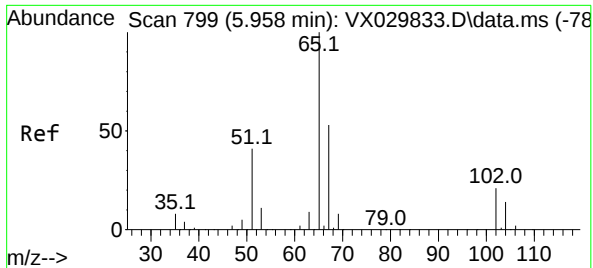


#32
1,1,1-Trichloroethane
Concen: 62.266 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 97 Resp: 176491

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.0
61	45.9	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 59.956 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

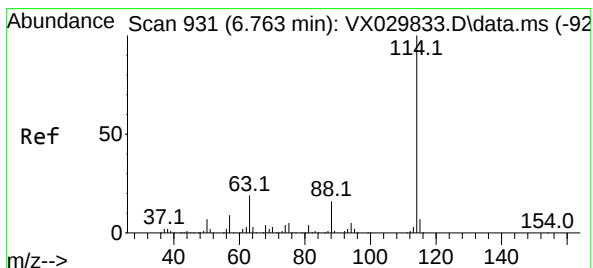
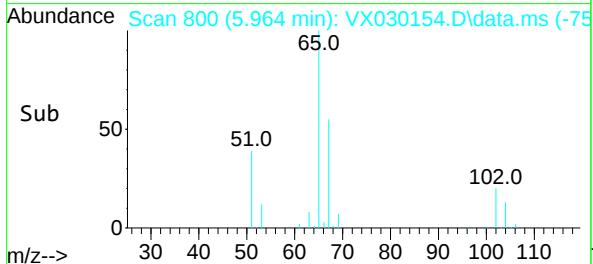
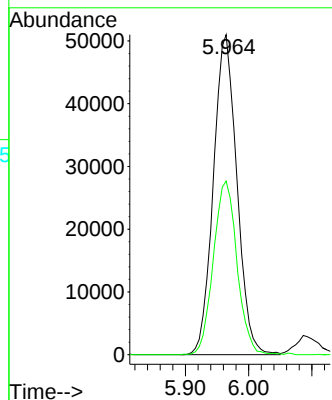
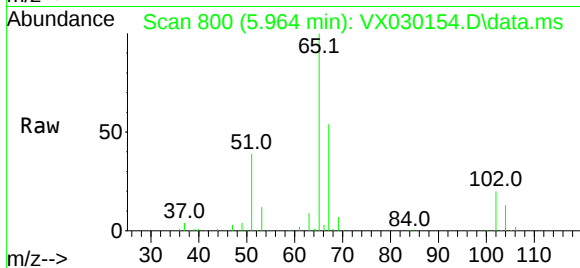
VSTDCCC050EC

Tgt Ion: 65 Resp: 131503

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

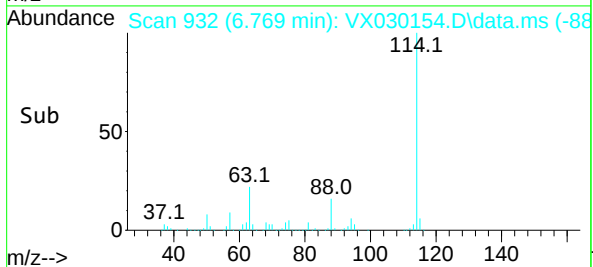
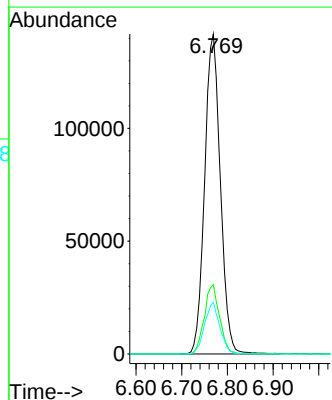
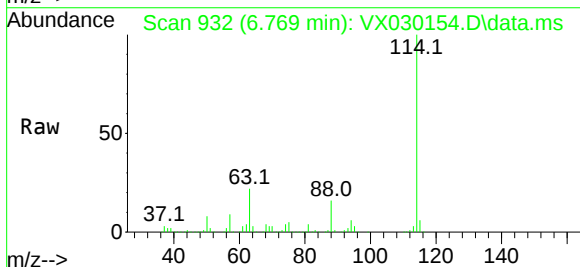
Tgt Ion: 114 Resp: 338108

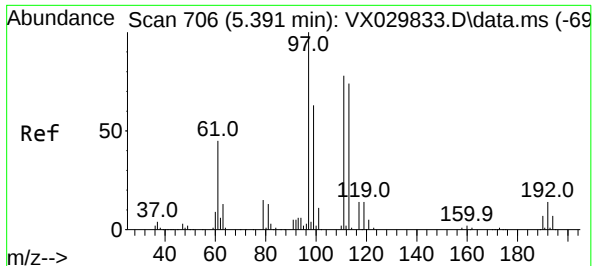
Ion Ratio Lower Upper

114 100

63 21.7 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

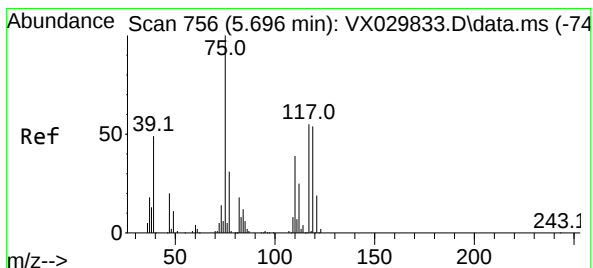
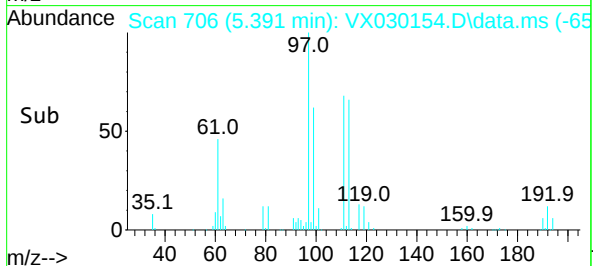
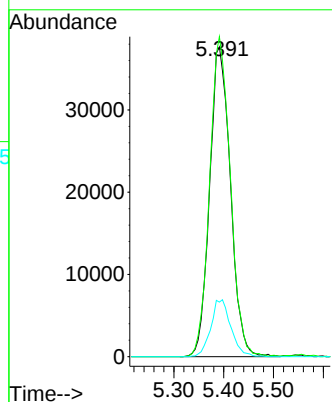
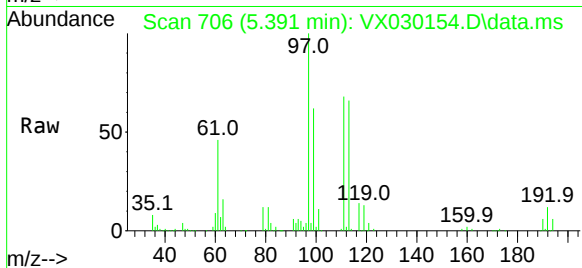
Tgt Ion:113 Resp: 109106

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 55.866 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

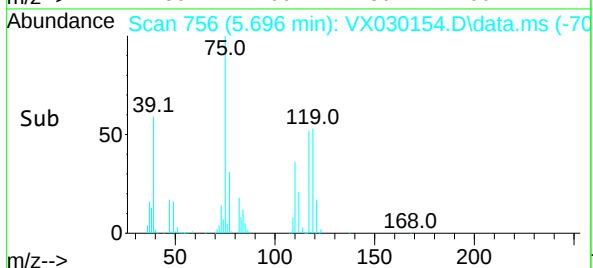
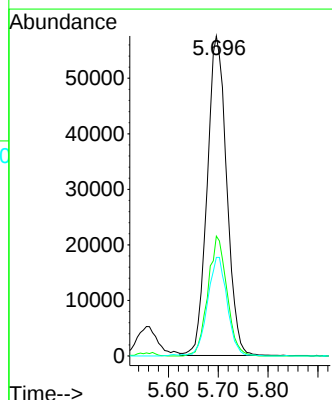
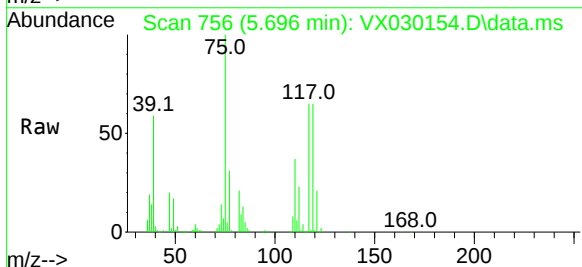
Tgt Ion: 75 Resp: 155866

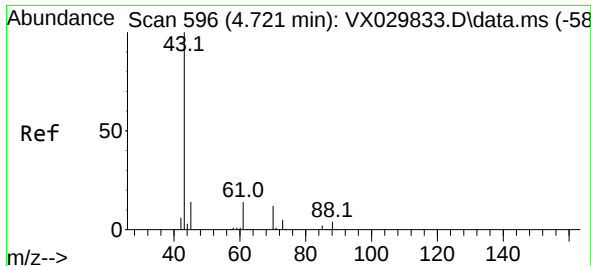
Ion Ratio Lower Upper

75 100

110 36.7 19.3 57.9

77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 60.781 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

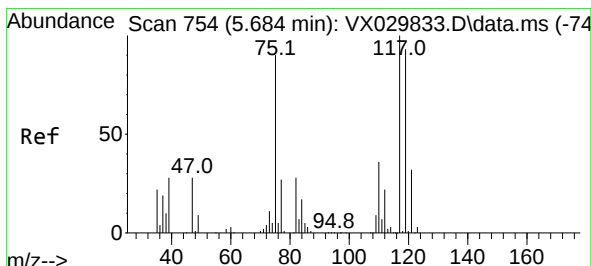
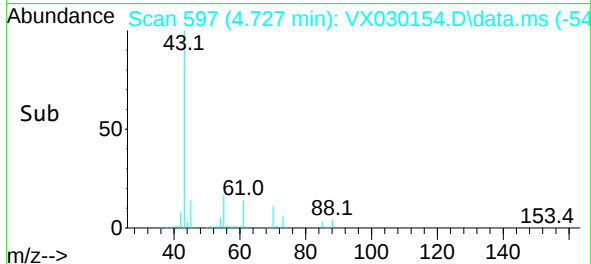
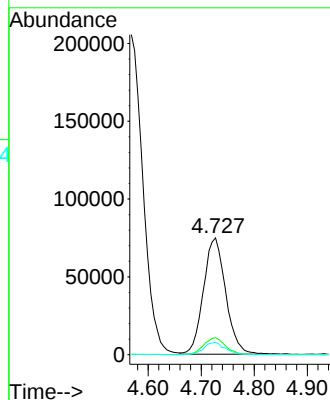
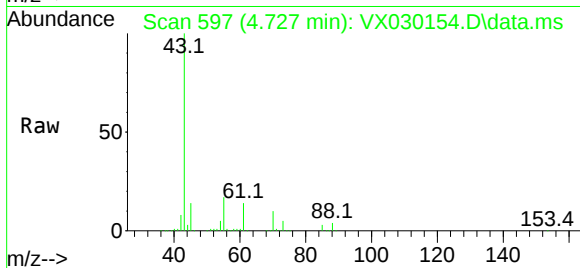
Tgt Ion: 43 Resp: 217904

Ion Ratio Lower Upper

43 100

61 14.4 11.7 17.5

70 10.0 9.3 13.9



#38

Carbon Tetrachloride

Concen: 56.047 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

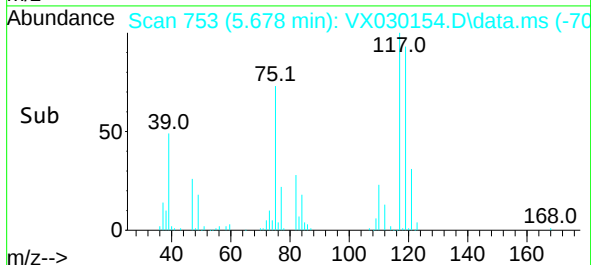
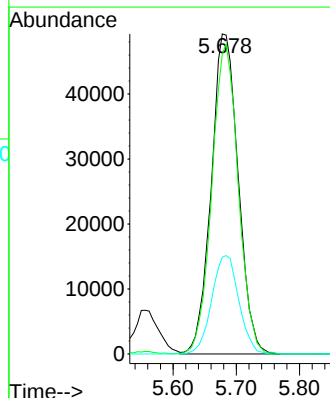
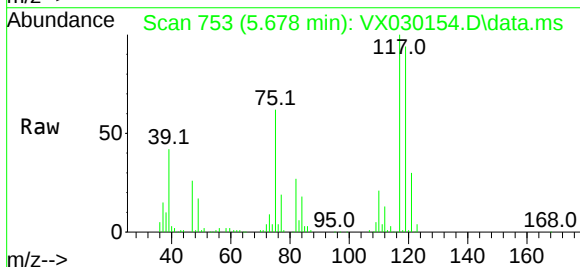
Tgt Ion: 117 Resp: 145822

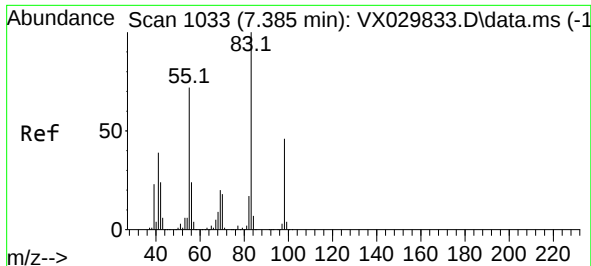
Ion Ratio Lower Upper

117 100

119 93.8 74.1 111.1

121 30.2 25.8 38.8





#39

Methylcyclohexane

Concen: 54.039 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

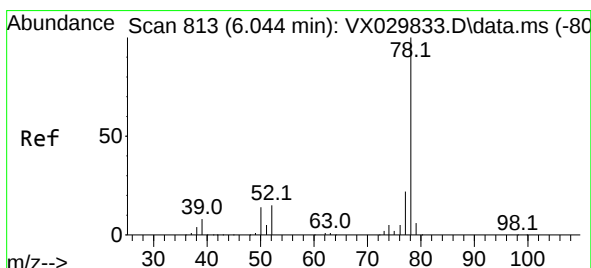
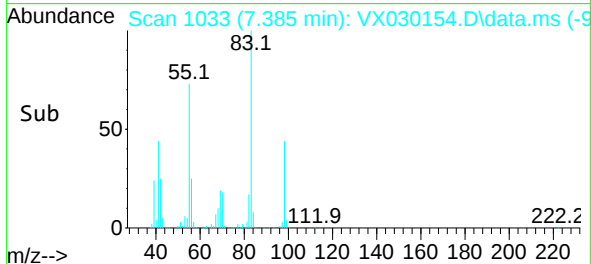
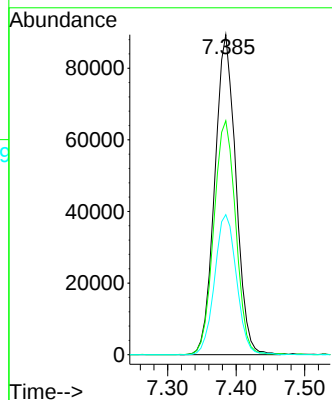
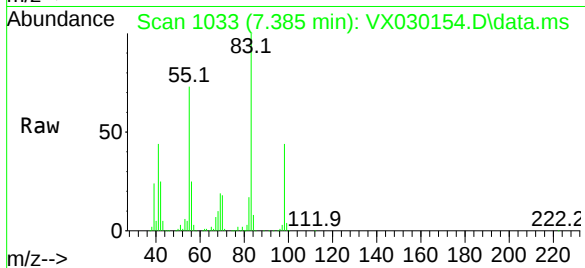
Tgt Ion: 83 Resp: 191126

Ion Ratio Lower Upper

83 100

55 73.0 57.7 86.5

98 43.7 36.5 54.7



#40

Benzene

Concen: 56.703 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030154.D

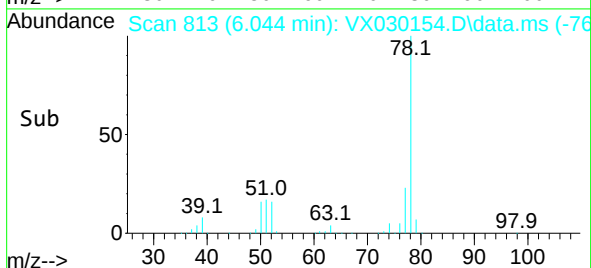
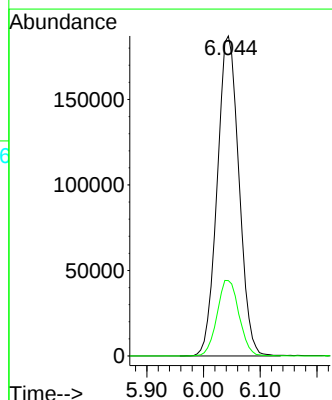
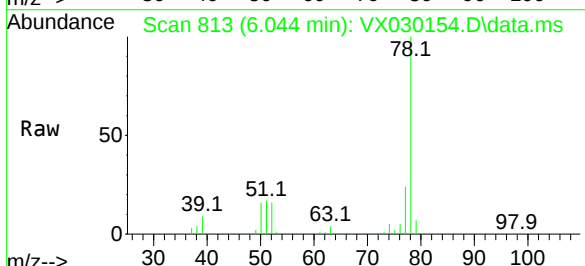
Acq: 21 Jul 2022 00:15

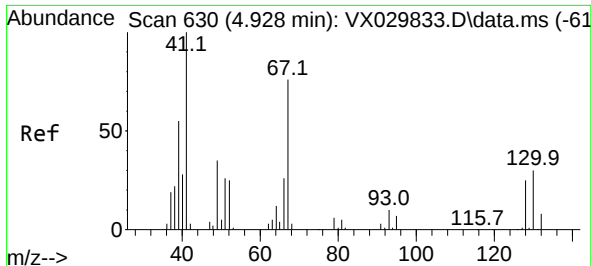
Tgt Ion: 78 Resp: 497935

Ion Ratio Lower Upper

78 100

77 23.6 18.0 27.0



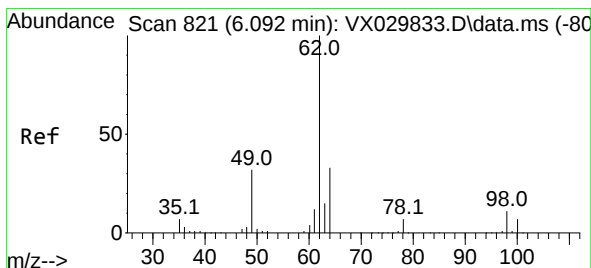
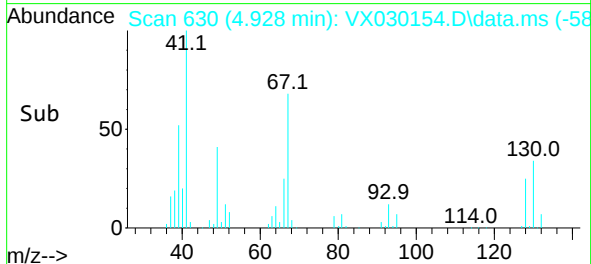
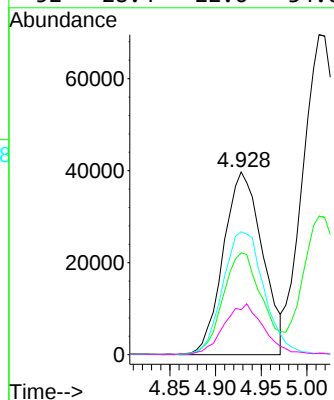
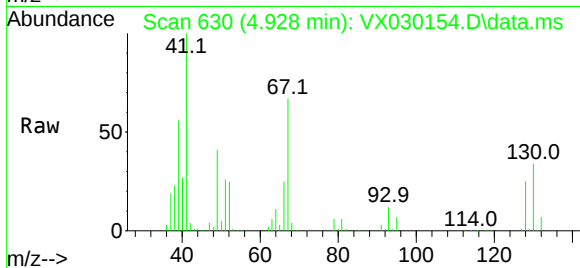


#41
Methacrylonitrile
Concen: 61.332 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 118392

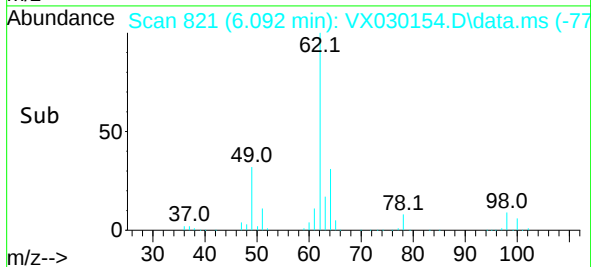
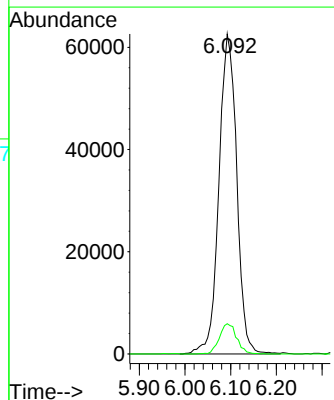
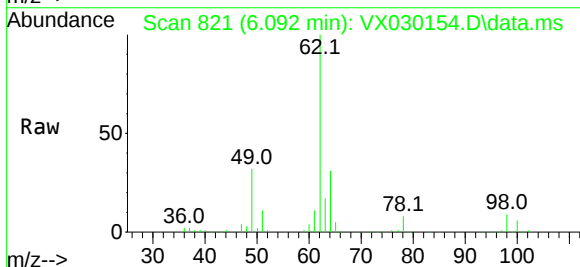
Ion	Ratio	Lower	Upper
41	100		
39	57.0	42.9	64.3
67	70.9	60.1	90.1
52	28.4	22.6	34.0

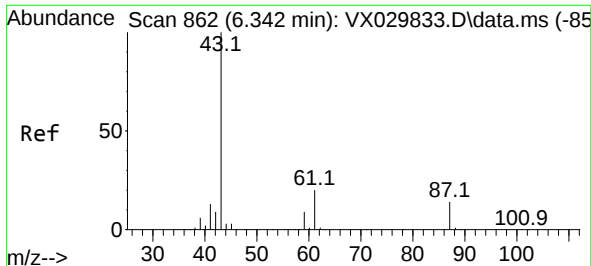


#42
1,2-Dichloroethane
Concen: 62.341 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 62 Resp: 169661

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

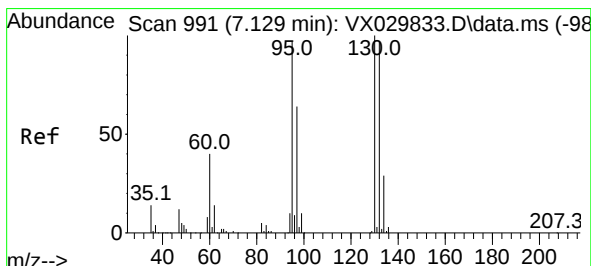
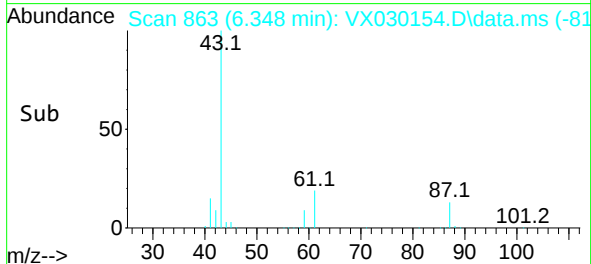
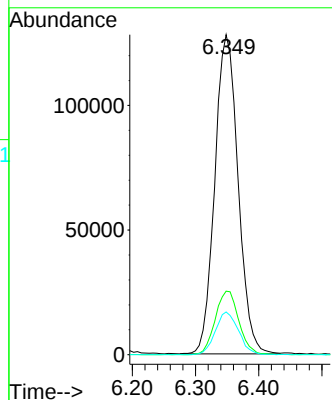
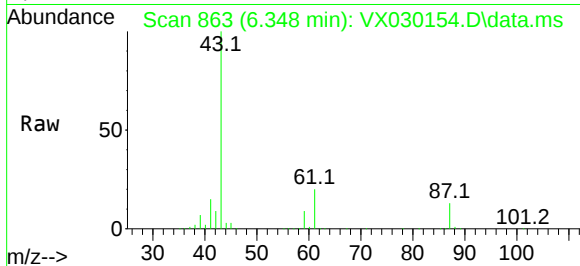




#43
Isopropyl Acetate
Concen: 60.744 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

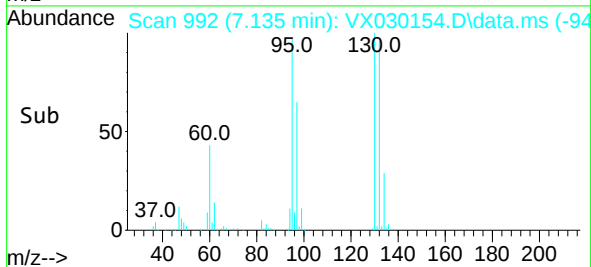
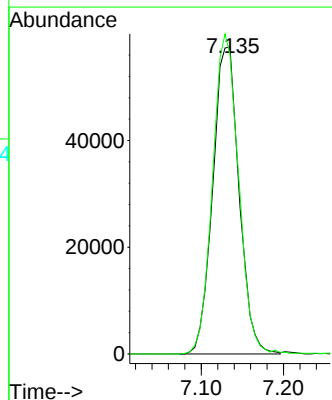
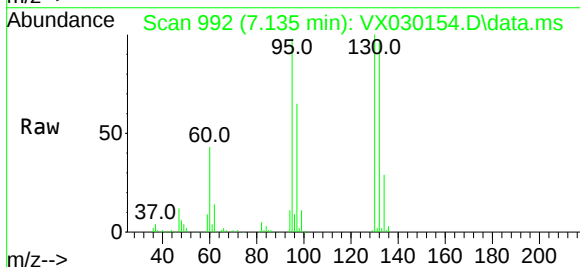
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

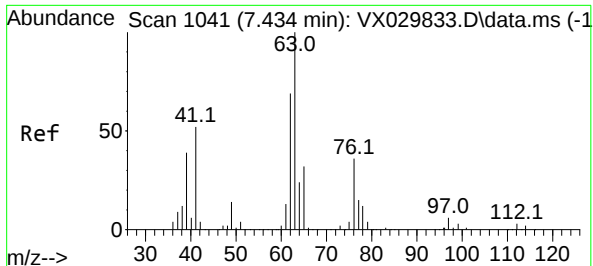
Tgt Ion: 43 Resp: 327466
Ion Ratio Lower Upper
43 100
61 20.3 16.5 24.7
87 13.3 11.1 16.7



#44
Trichloroethene
Concen: 49.870 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:130 Resp: 127969
Ion Ratio Lower Upper
130 100
95 97.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 56.980 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

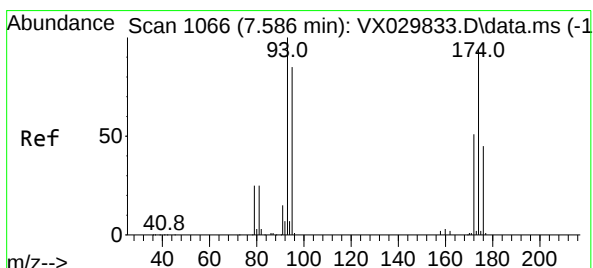
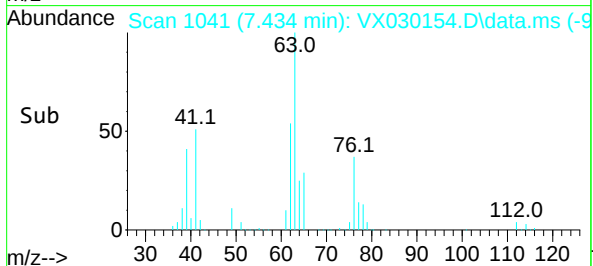
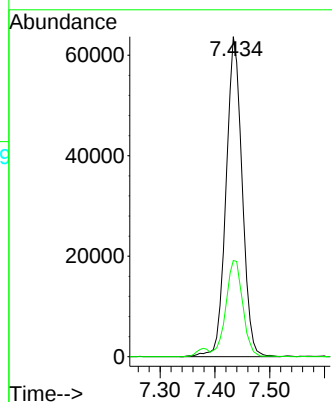
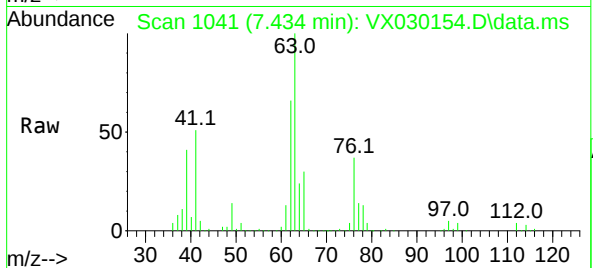
VSTDCCC050EC

Tgt Ion: 63 Resp: 130058

Ion Ratio Lower Upper

63 100

65 30.1 25.2 37.8



#46

Dibromomethane

Concen: 55.753 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

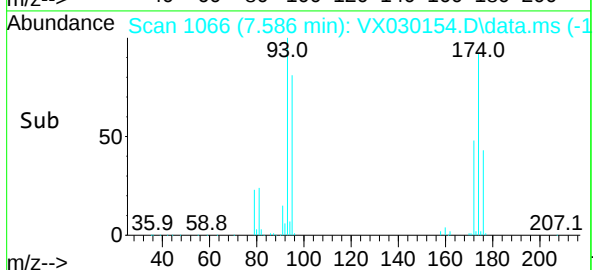
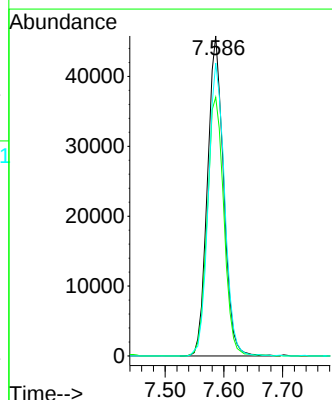
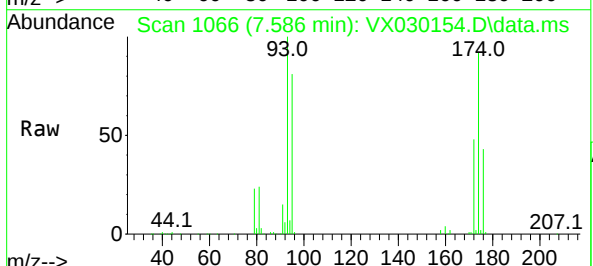
Tgt Ion: 93 Resp: 87587

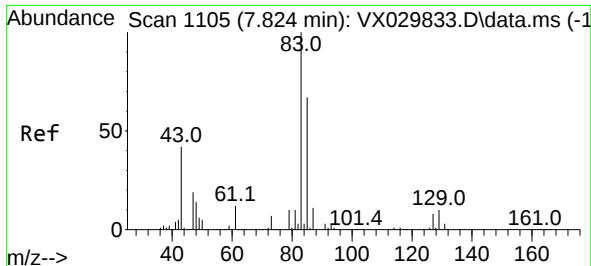
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.0

174 92.4 75.6 113.4





#47

Bromodichloromethane

Concen: 57.314 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

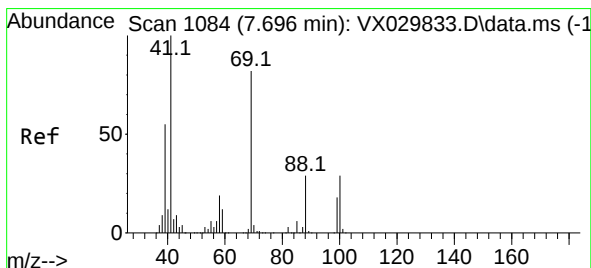
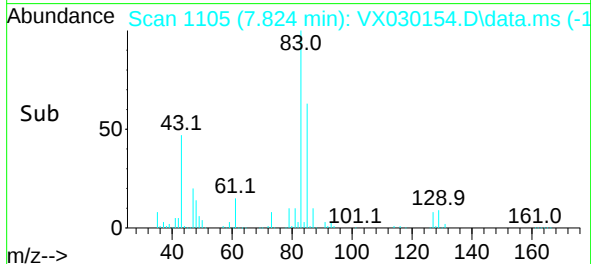
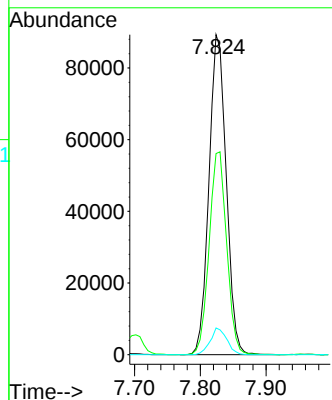
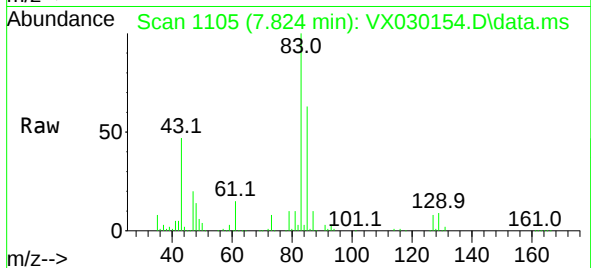
Tgt Ion: 83 Resp: 163380

Ion Ratio Lower Upper

83 100

85 62.9 53.5 80.3

127 8.4 6.6 10.0



#48

Methyl methacrylate

Concen: 65.021 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

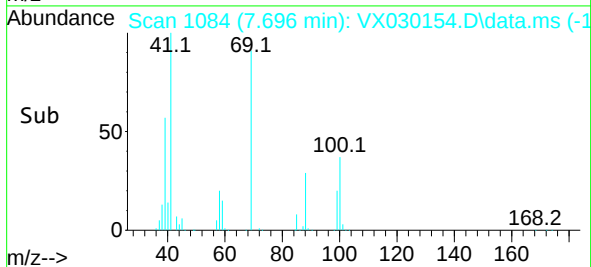
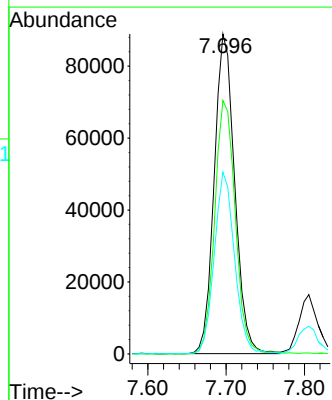
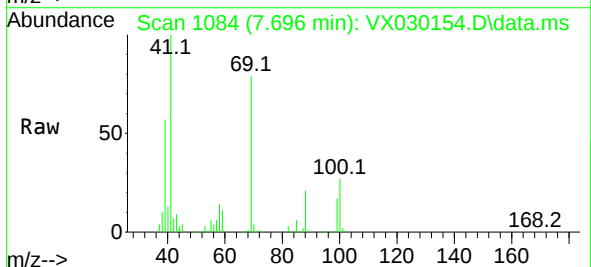
Tgt Ion: 41 Resp: 161733

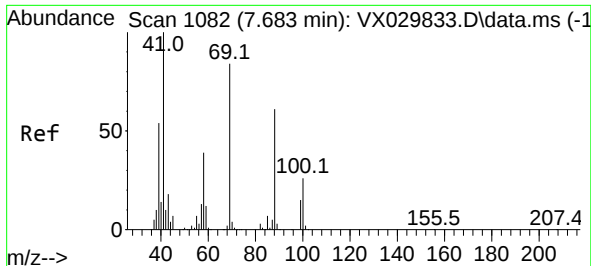
Ion Ratio Lower Upper

41 100

69 80.0 68.8 103.2

39 56.0 44.6 66.8





#49

1,4-Dioxane

Concen: 1112.264 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. -0.005 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

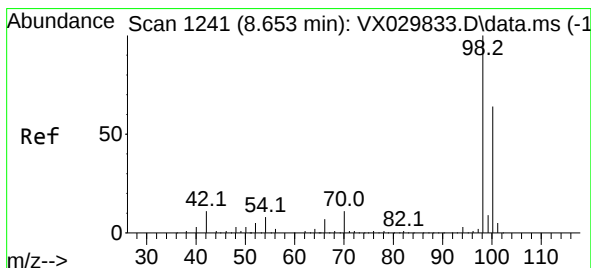
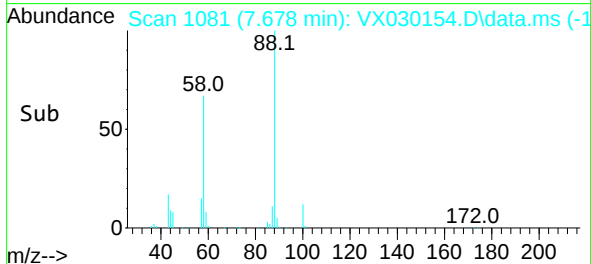
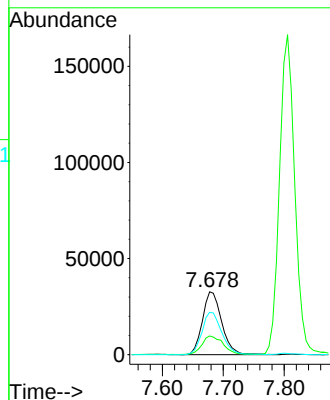
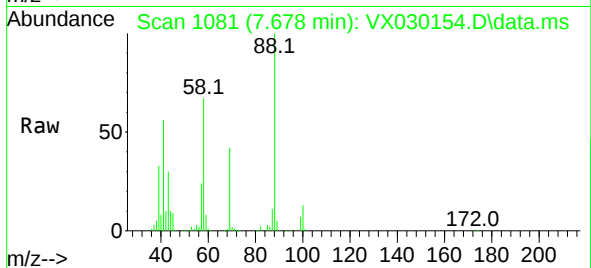
Tgt Ion: 88 Resp: 71880

Ion Ratio Lower Upper

88 100

43 32.3 23.8 35.8

58 69.5 53.8 80.6



#50

Toluene-d8

Concen: 51.445 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030154.D

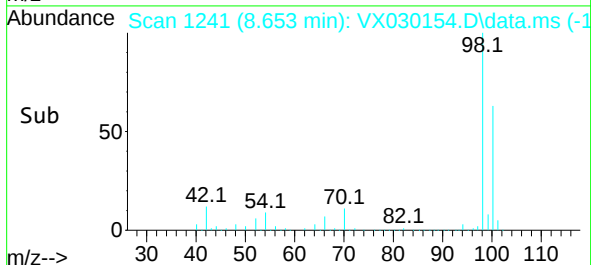
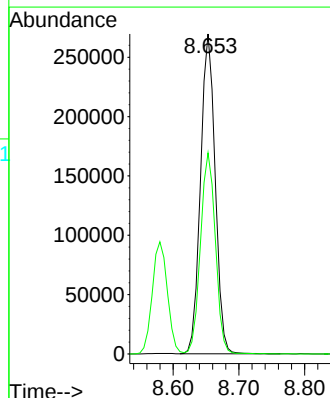
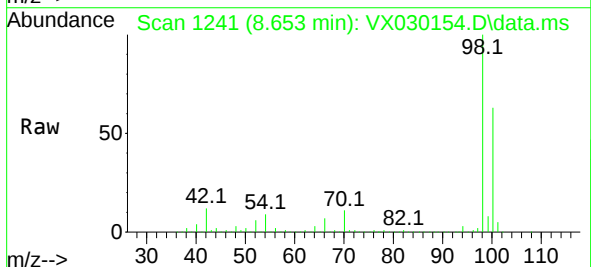
Acq: 21 Jul 2022 00:15

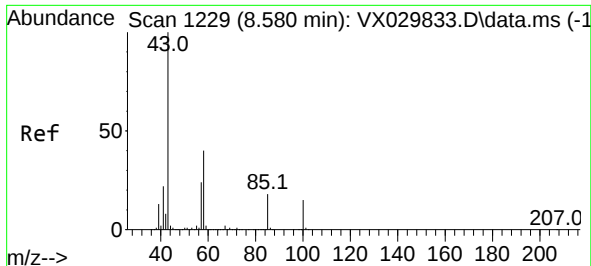
Tgt Ion: 98 Resp: 417915

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

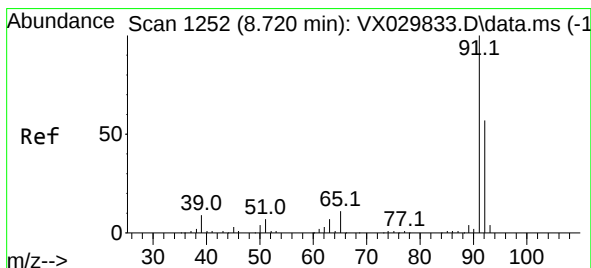
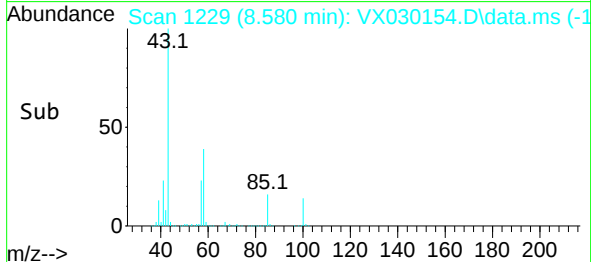
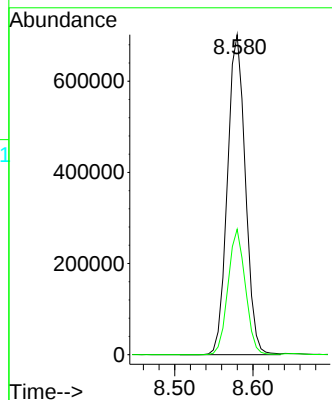
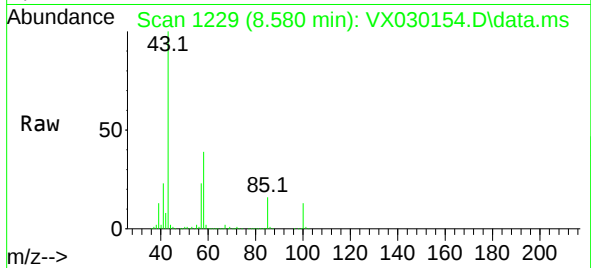




#51
4-Methyl-2-Pentanone
Concen: 312.536 ug/l
RT: 8.580 min Scan# 1114926
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

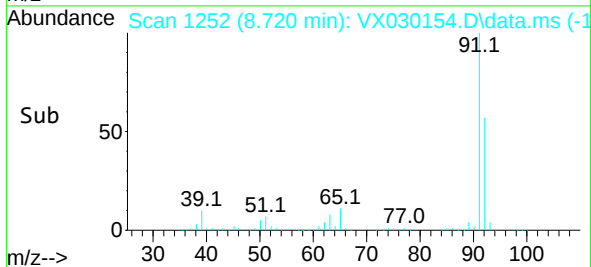
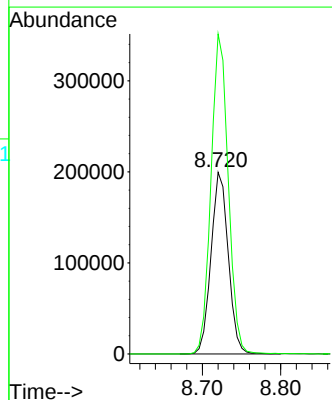
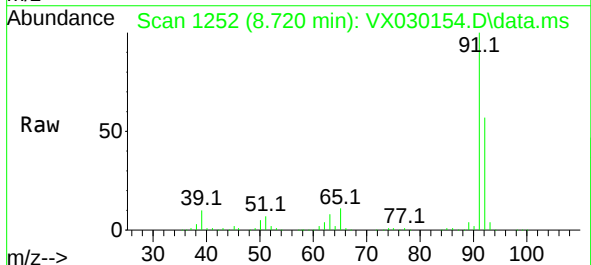
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

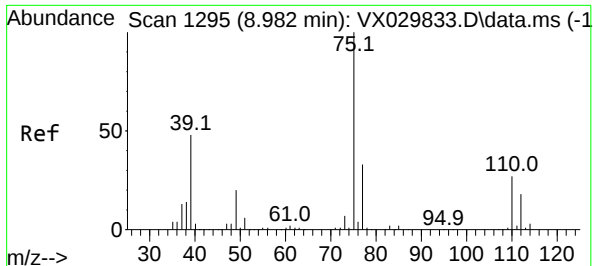
Tgt Ion: 43 Resp: 1114926
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.2



#52
Toluene
Concen: 54.703 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 92 Resp: 305040
Ion Ratio Lower Upper
92 100
91 175.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.903 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

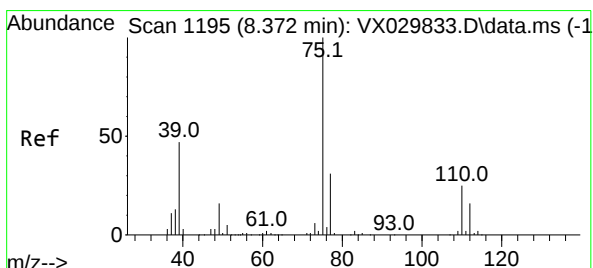
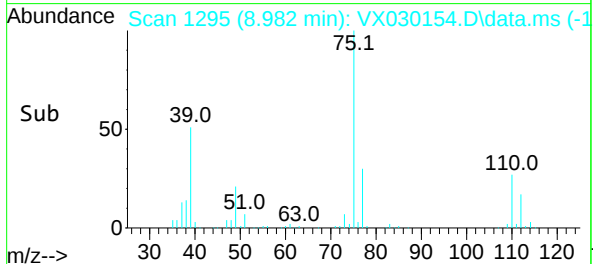
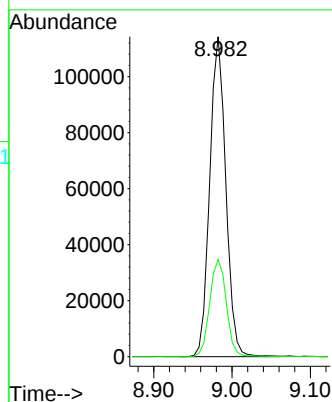
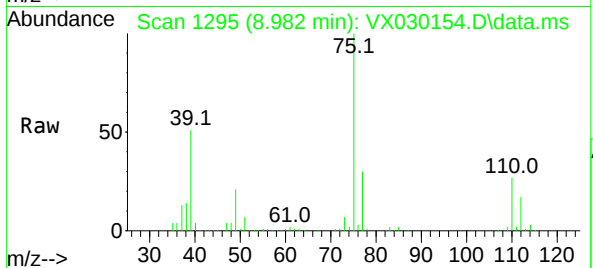
VSTDCCC050EC

Tgt Ion: 75 Resp: 162567

Ion Ratio Lower Upper

75 100

77 30.4 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 53.783 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

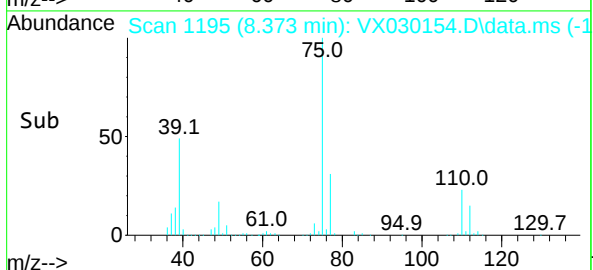
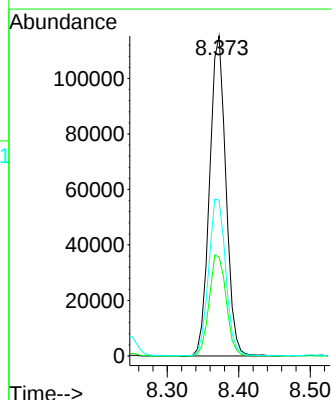
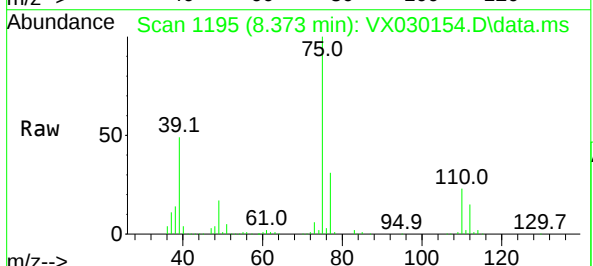
Tgt Ion: 75 Resp: 182439

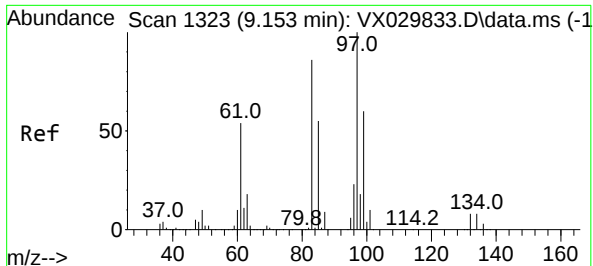
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 48.7 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 56.650 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 130269

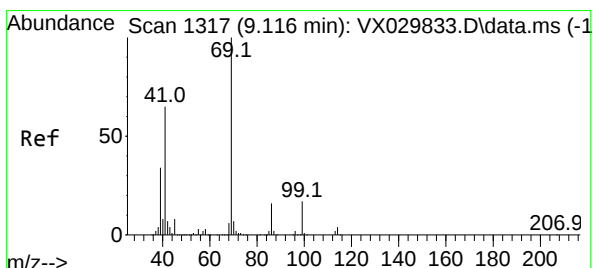
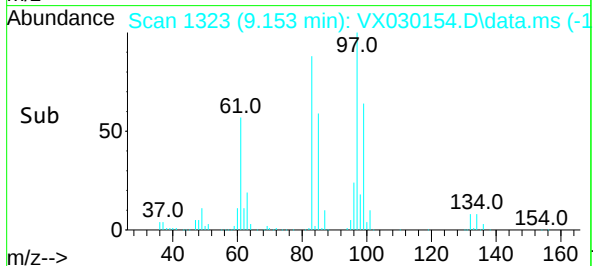
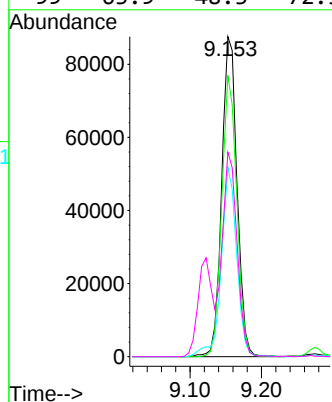
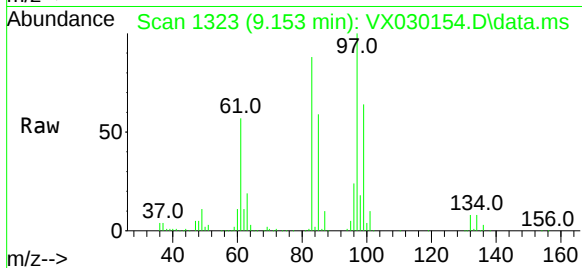
Ion Ratio Lower Upper

97 100

83 87.8 68.9 103.3

85 59.2 44.0 66.0

99 63.9 48.3 72.5



#56

Ethyl methacrylate

Concen: 59.953 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

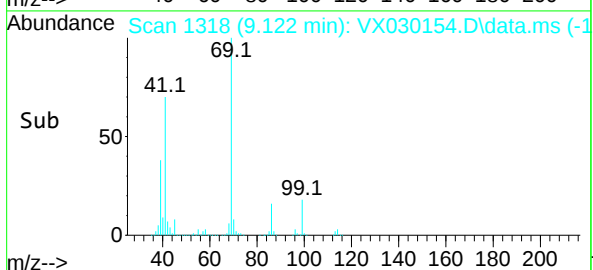
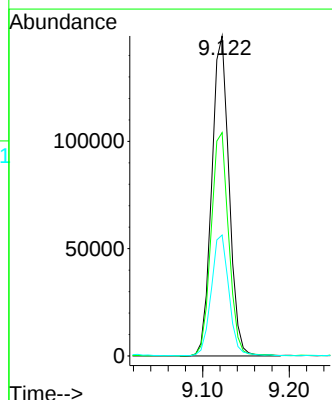
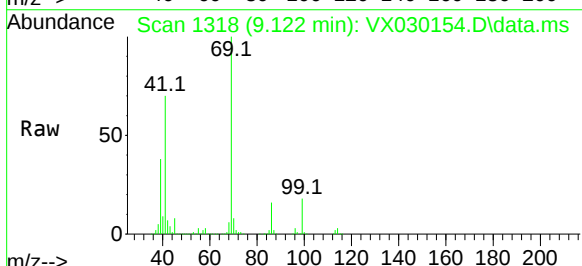
Tgt Ion: 69 Resp: 207278

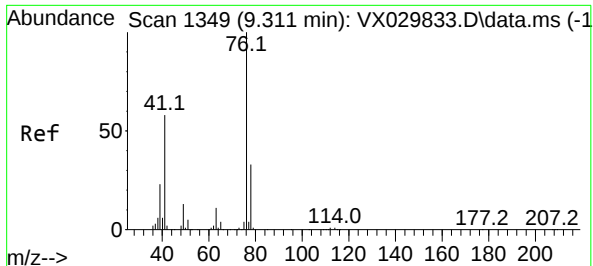
Ion Ratio Lower Upper

69 100

41 70.8 52.3 78.5

39 38.5 28.2 42.4





#57

1,3-Dichloropropane

Concen: 57.731 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

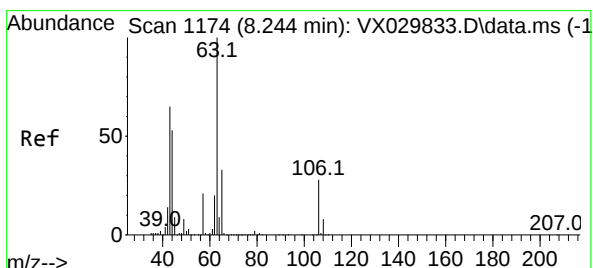
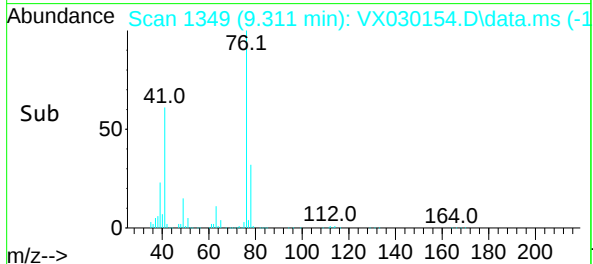
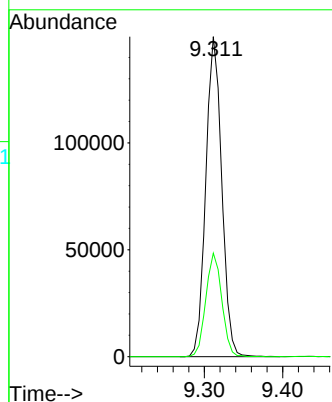
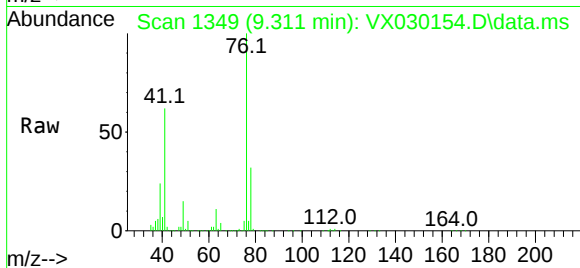
VSTDCCC050EC

Tgt Ion: 76 Resp: 210888

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 287.605 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX030154.D

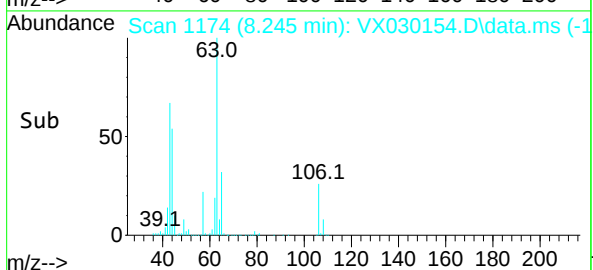
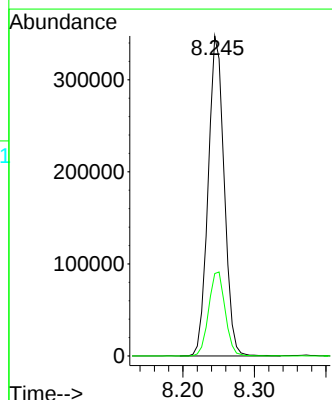
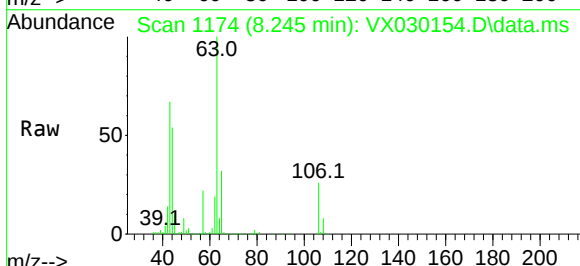
Acq: 21 Jul 2022 00:15

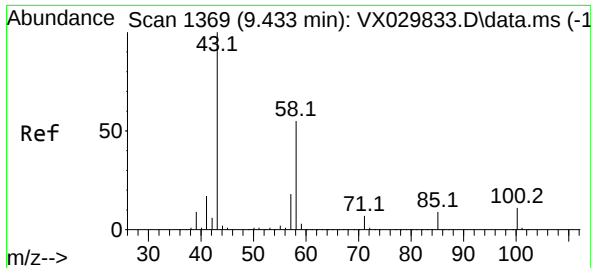
Tgt Ion: 63 Resp: 539936

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

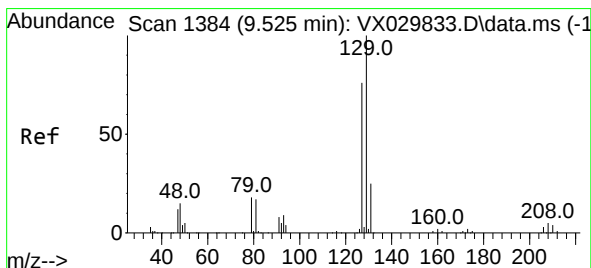
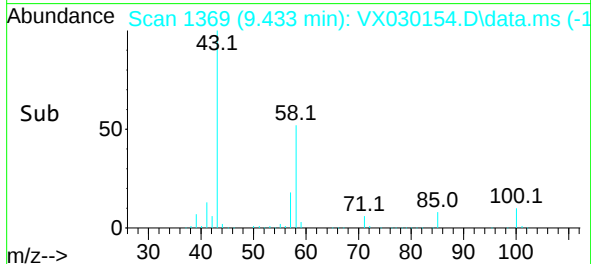
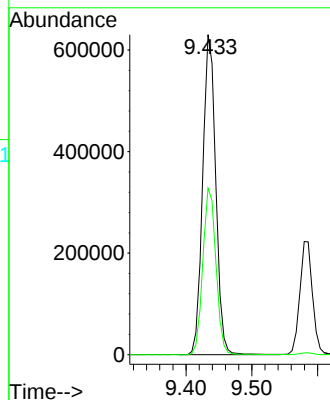
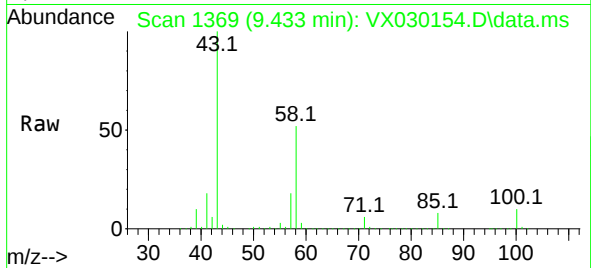




#59
2-Hexanone
Concen: 317.259 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

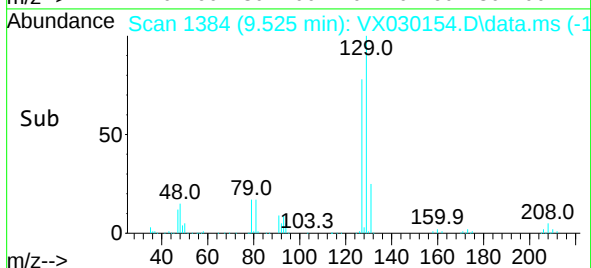
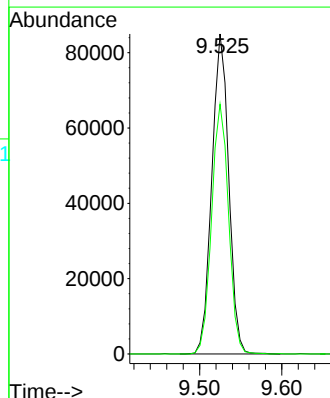
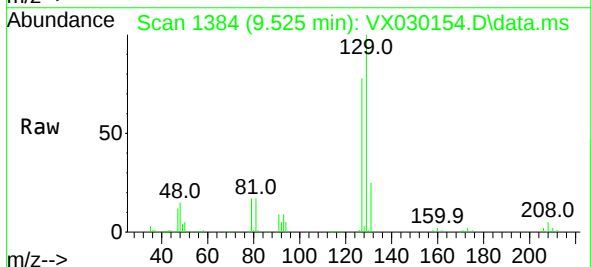
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

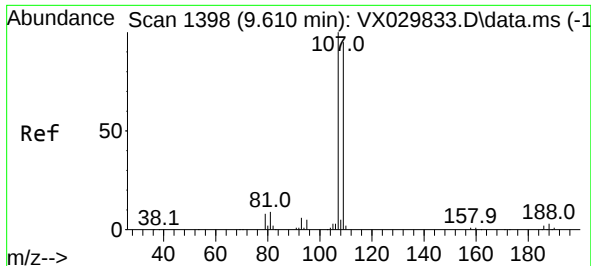
Tgt Ion: 43 Resp: 867912
Ion Ratio Lower Upper
43 100
58 52.4 27.6 82.8



#60
Dibromochloromethane
Concen: 54.151 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 129 Resp: 121314
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

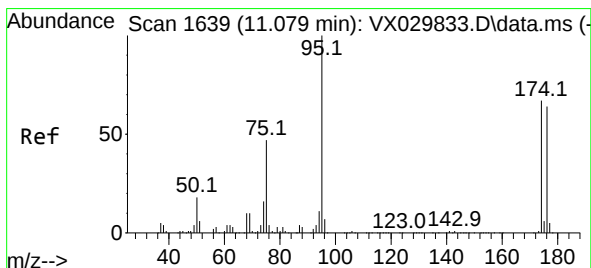
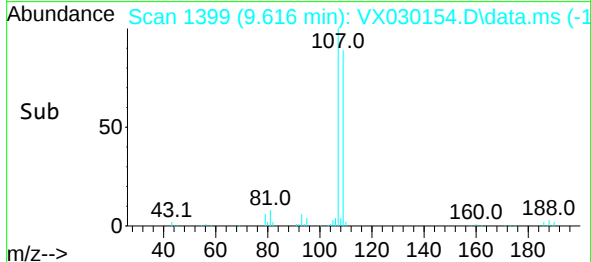
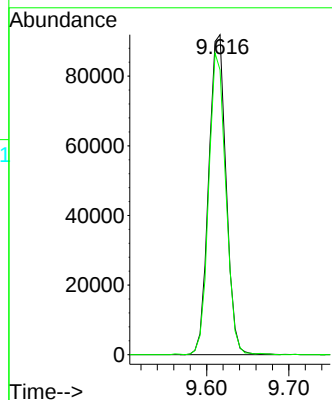
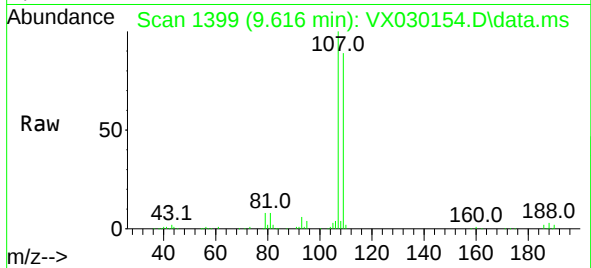




#61
1,2-Dibromoethane
Concen: 56.382 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

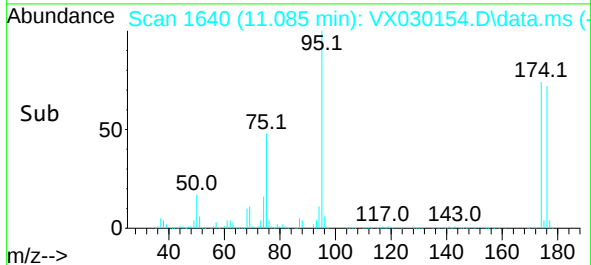
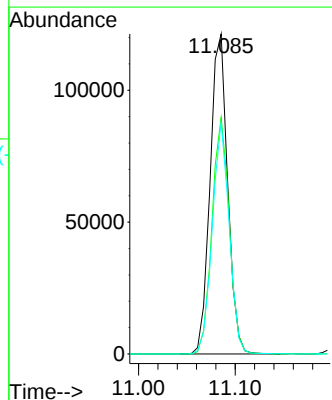
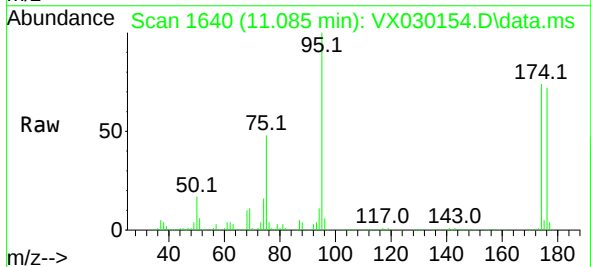
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

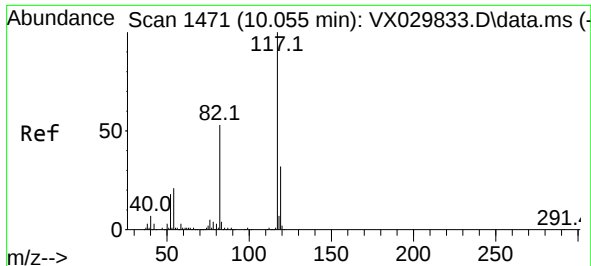
Tgt Ion:107 Resp: 134938
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.237 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 95 Resp: 152899
Ion Ratio Lower Upper
95 100
174 72.9 0.0 149.0
176 69.7 0.0 146.0

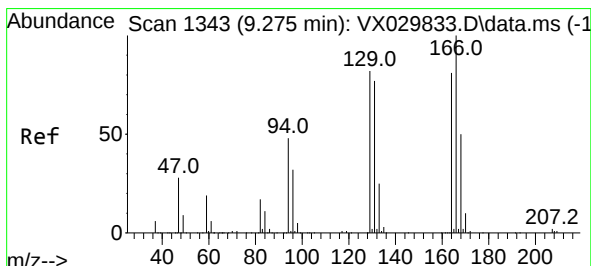
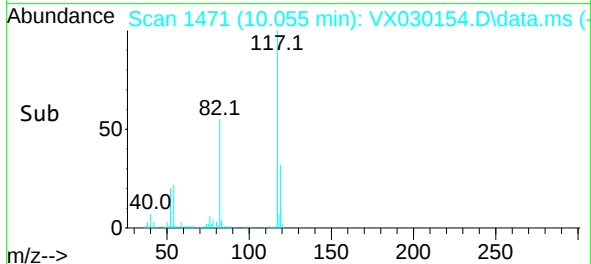
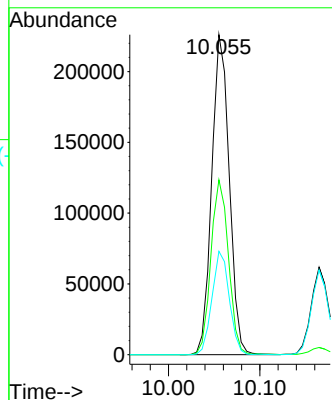
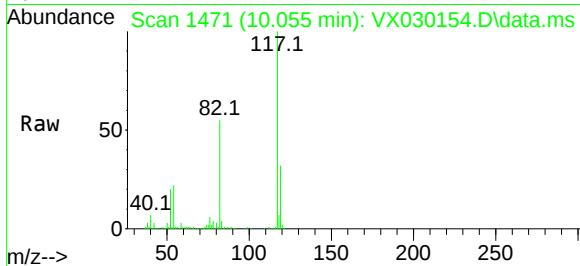




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

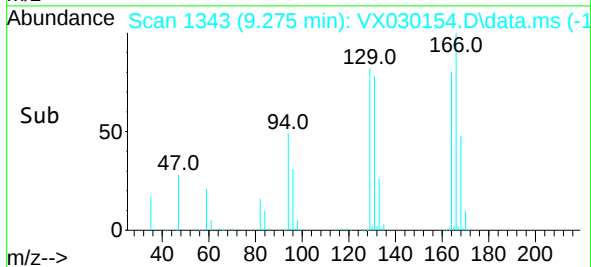
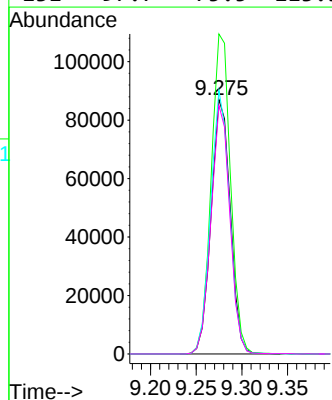
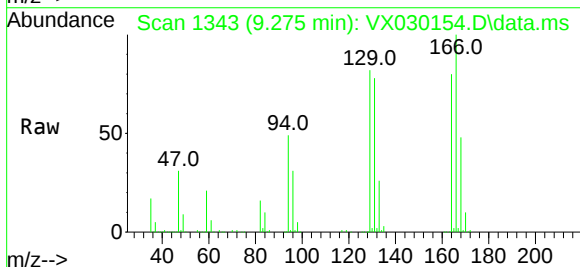
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

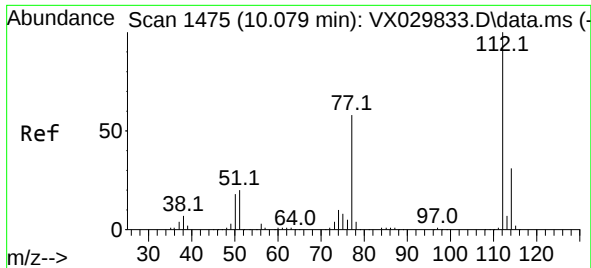
Tgt Ion:117 Resp: 300034
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 52.662 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:164 Resp: 126836
Ion Ratio Lower Upper
164 100
166 125.7 98.2 147.4
129 103.6 80.8 121.2
131 97.7 75.5 113.3

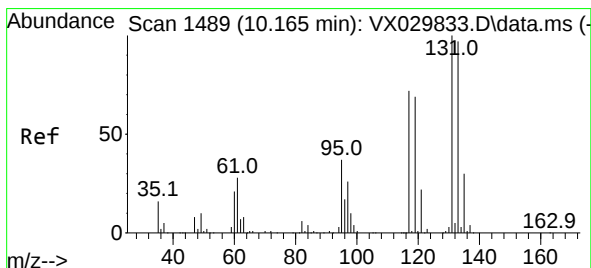
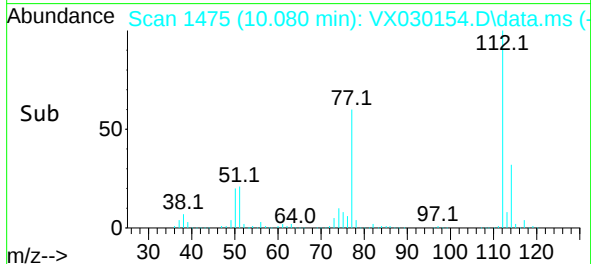
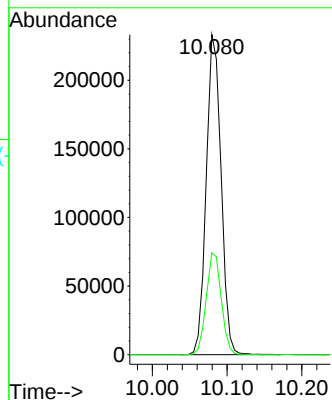
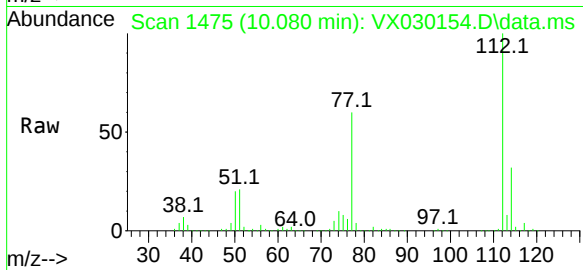




#65
Chlorobenzene
Concen: 53.779 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

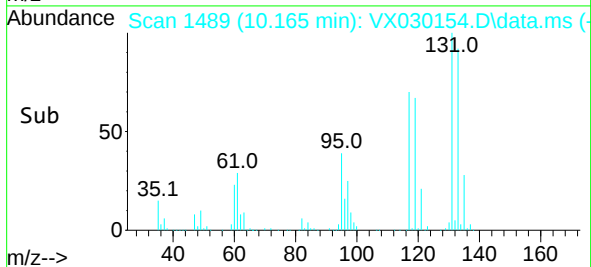
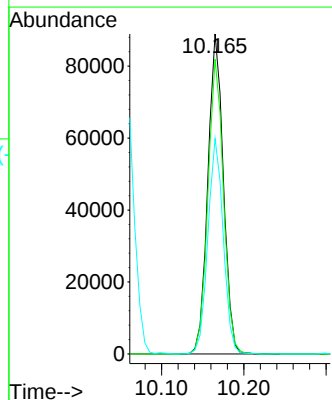
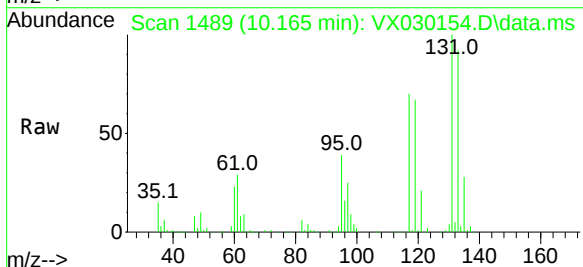
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

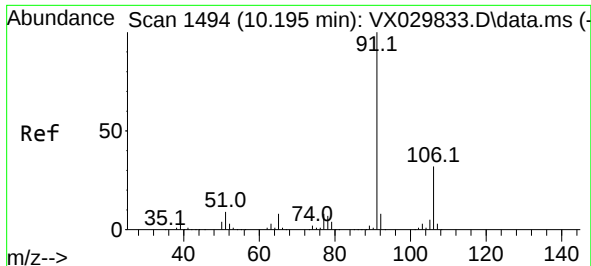
Tgt Ion:112 Resp: 321307
Ion Ratio Lower Upper
112 100
114 31.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.159 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:131 Resp: 116421
Ion Ratio Lower Upper
131 100
133 92.2 46.9 140.8
119 66.6 34.4 103.1

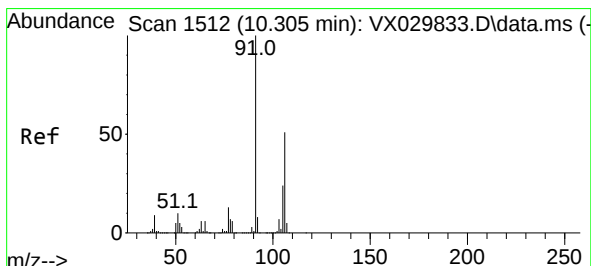
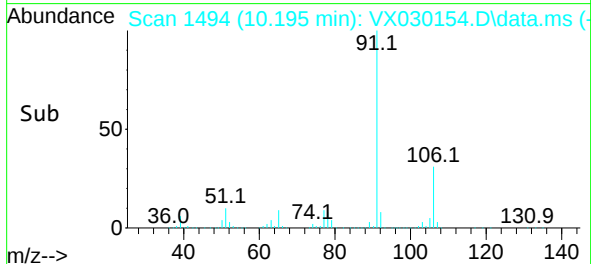
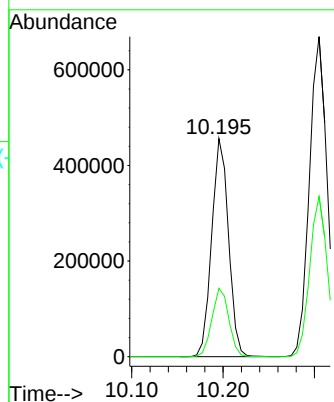
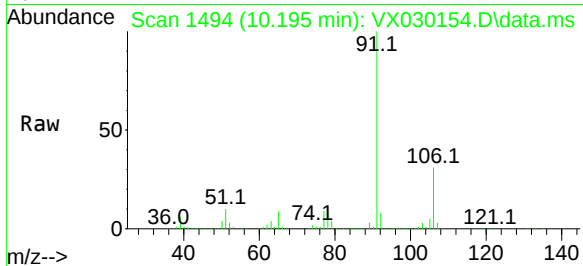




#67
Ethyl Benzene
Concen: 57.546 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

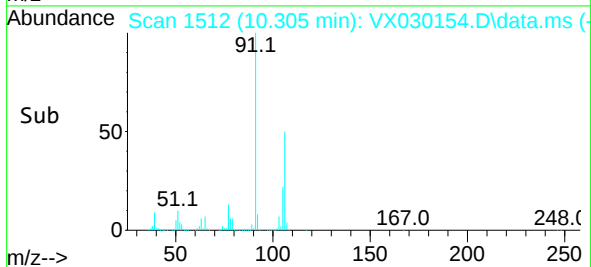
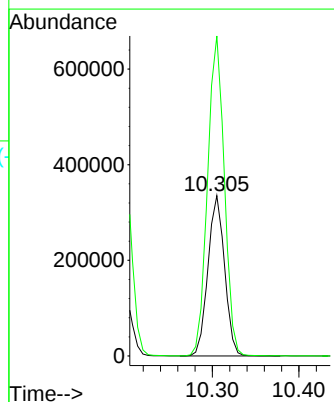
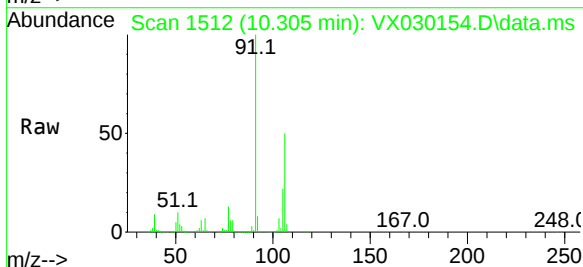
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

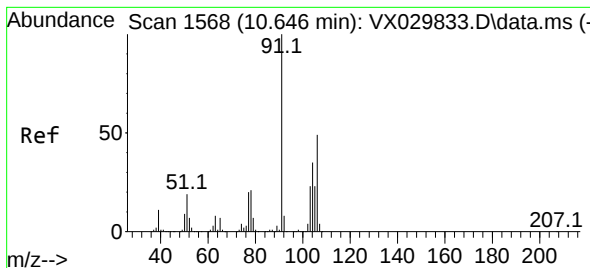
Tgt Ion: 91 Resp: 582710
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 112.583 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:106 Resp: 447124
Ion Ratio Lower Upper
106 100
91 201.2 158.2 237.4





#69

o-Xylene

Concen: 55.681 ug/l

RT: 10.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

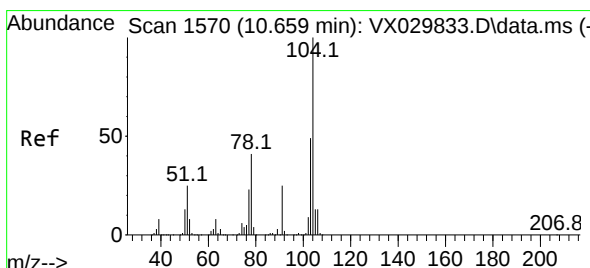
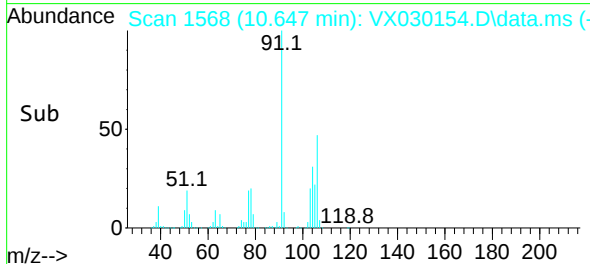
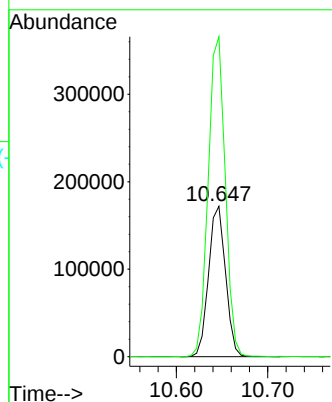
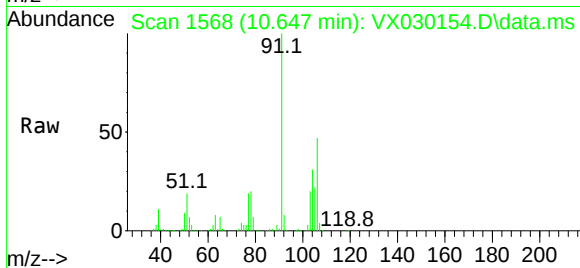
VSTDCCC050EC

Tgt Ion:106 Resp: 221424

Ion Ratio Lower Upper

106 100

91 213.8 103.8 311.6



#70

Styrene

Concen: 55.848 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

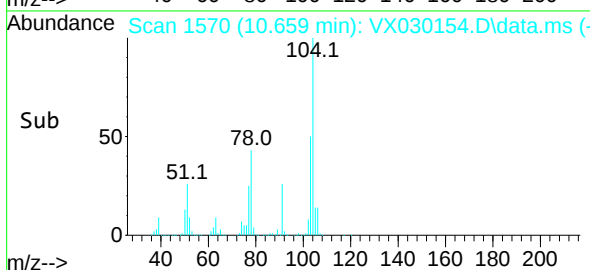
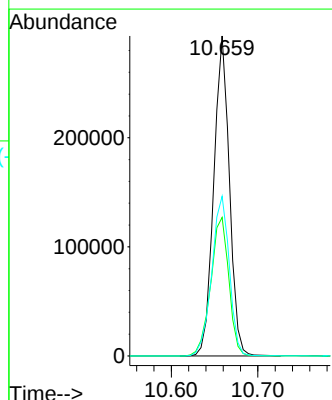
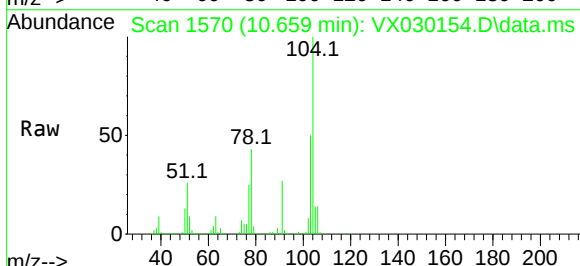
Tgt Ion:104 Resp: 368615

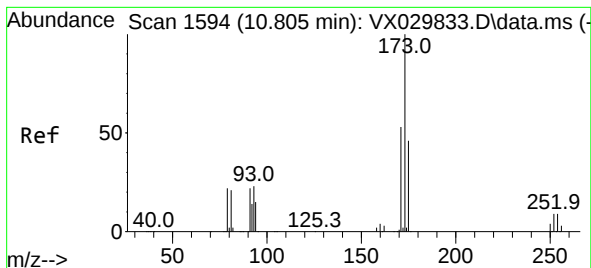
Ion Ratio Lower Upper

104 100

78 50.1 37.8 56.8

103 56.0 44.5 66.7





#71

Bromoform

Concen: 51.330 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

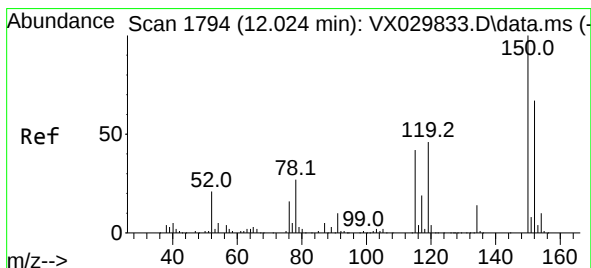
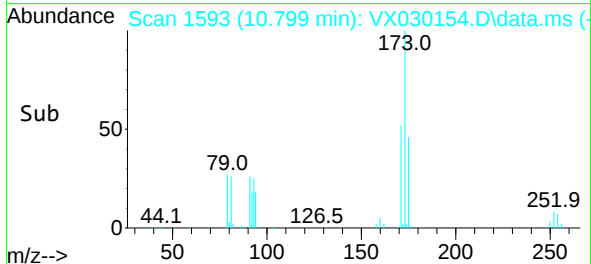
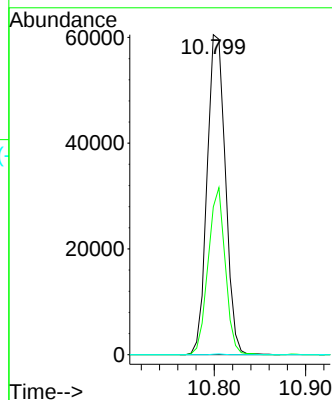
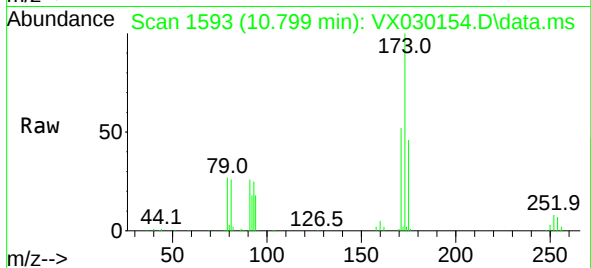
Tgt Ion:173 Resp: 83998

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

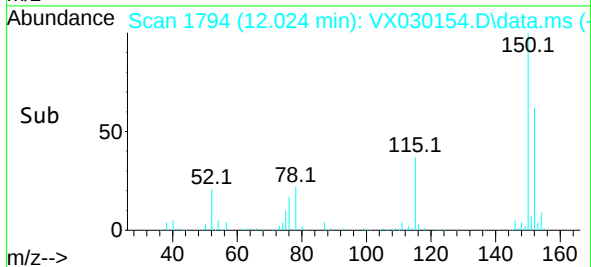
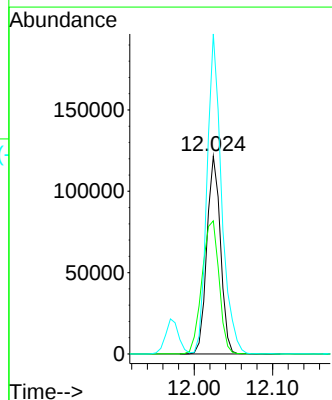
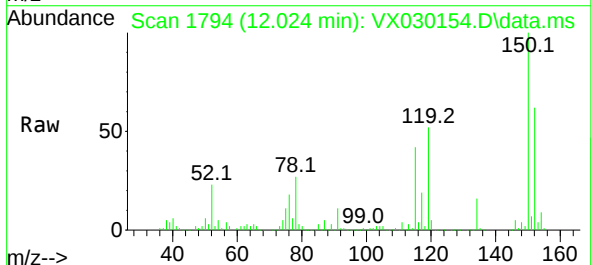
Tgt Ion:152 Resp: 145975

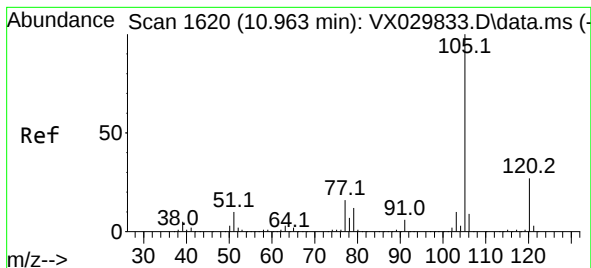
Ion Ratio Lower Upper

152 100

115 85.1 40.5 121.5

150 173.5 0.0 347.0





#73

Isopropylbenzene

Concen: 56.015 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

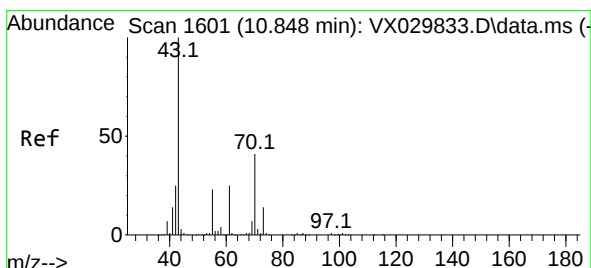
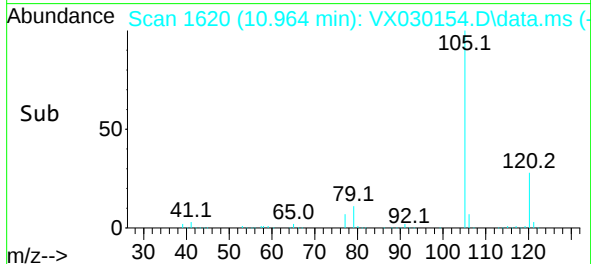
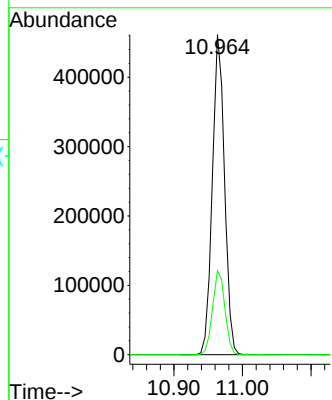
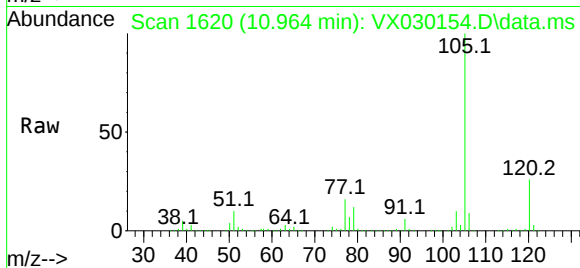
VSTDCCC050EC

Tgt Ion:105 Resp: 569351

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 63.173 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Tgt Ion: 43 Resp: 282019

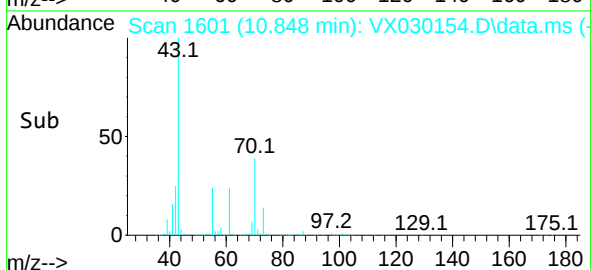
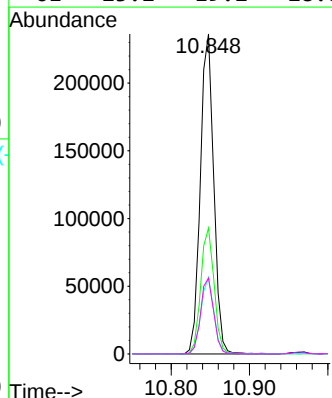
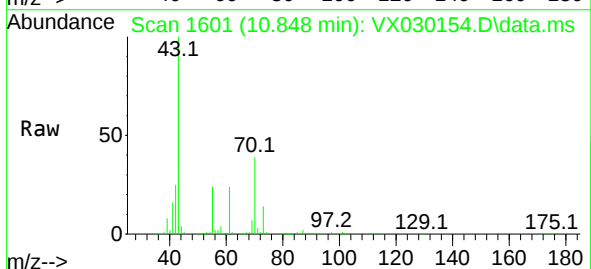
Ion Ratio Lower Upper

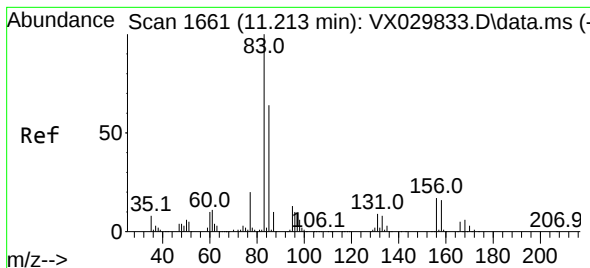
43 100

70 39.3 32.3 48.5

55 23.2 18.4 27.6

61 23.2 19.2 28.8

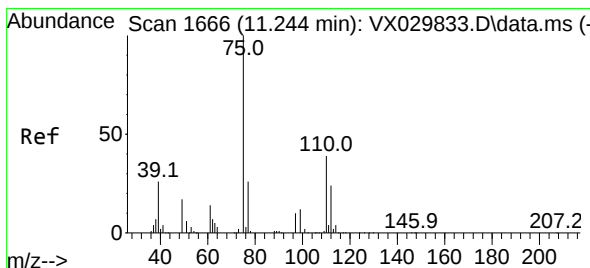
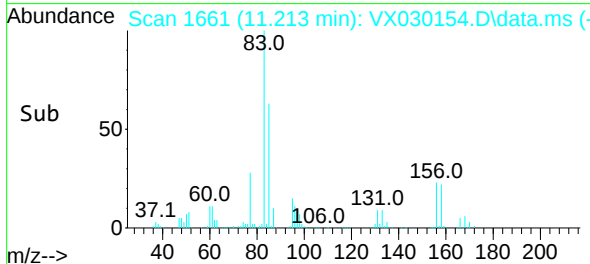
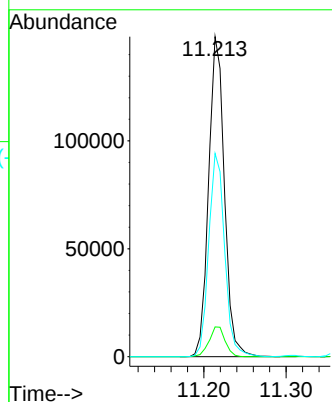
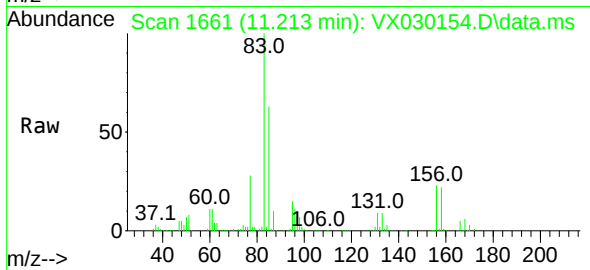




#75
1,1,2,2-Tetrachloroethane
Concen: 53.890 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

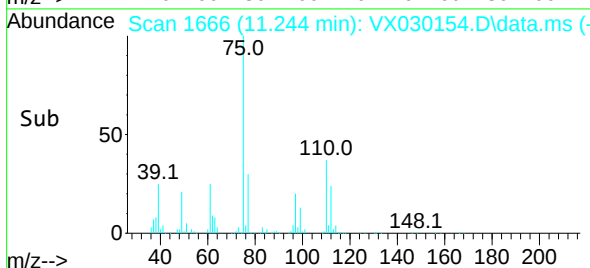
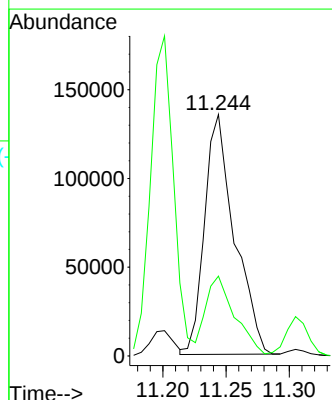
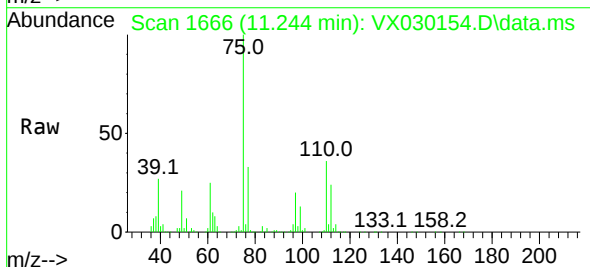
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

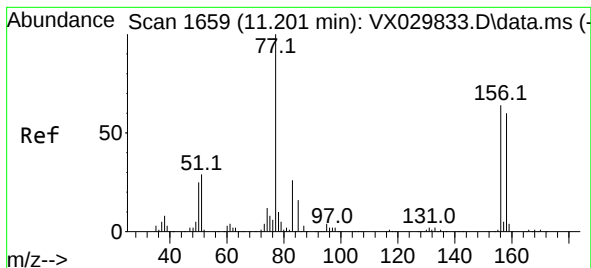
Tgt Ion: 83 Resp: 197616
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.2 32.5 97.5



#76
1,2,3-Trichloropropane
Concen: 66.543 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 75 Resp: 223337
Ion Ratio Lower Upper
75 100
77 32.4 19.8 59.3





#77

Bromobenzene

Concen: 51.826 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

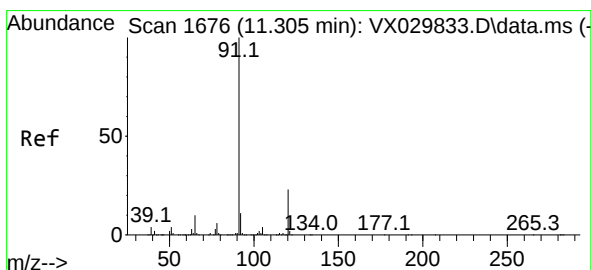
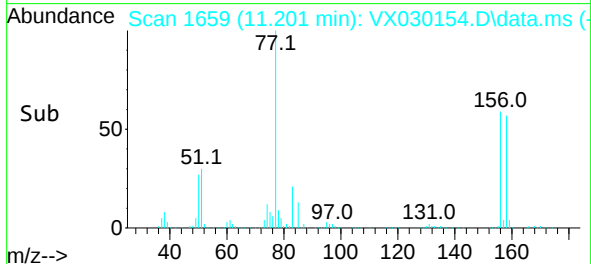
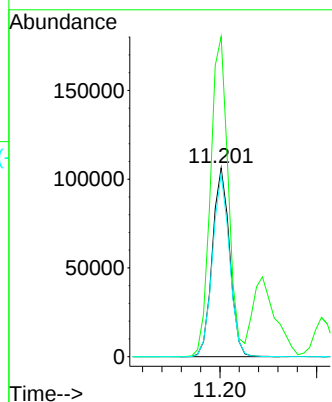
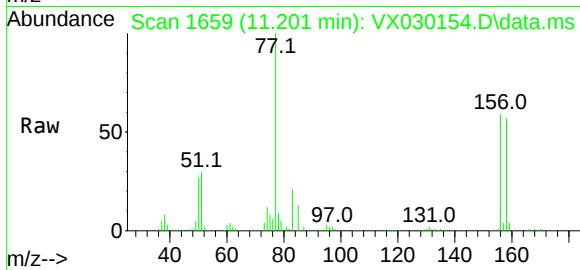
Tgt Ion:156 Resp: 131797

Ion Ratio Lower Upper

156 100

77 174.9 82.7 247.9

158 95.6 47.5 142.5



#78

n-propylbenzene

Concen: 56.439 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030154.D

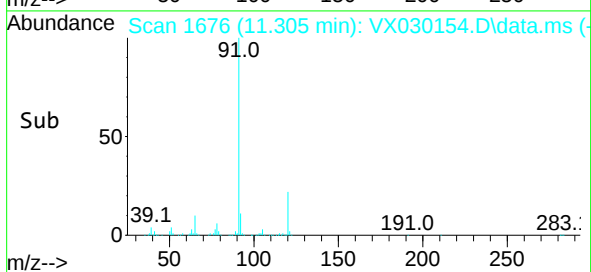
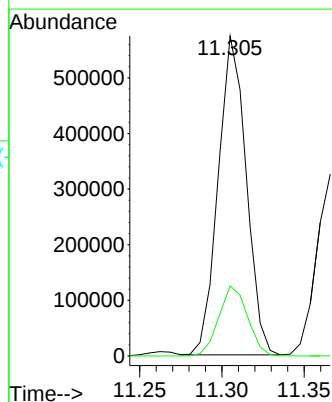
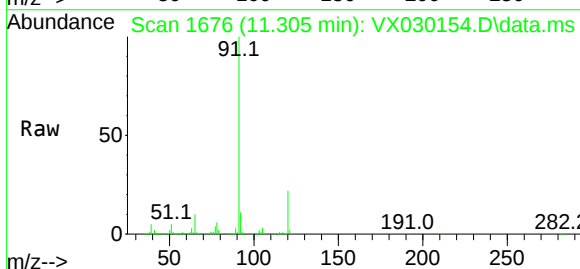
Acq: 21 Jul 2022 00:15

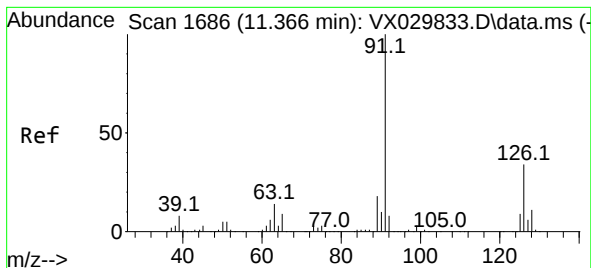
Tgt Ion: 91 Resp: 680553

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

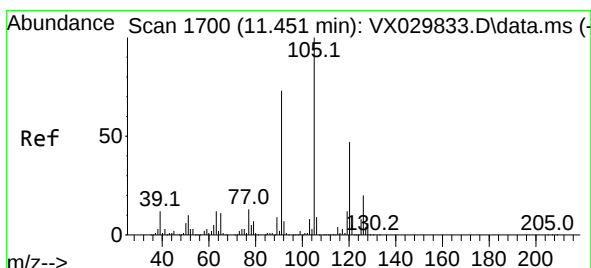
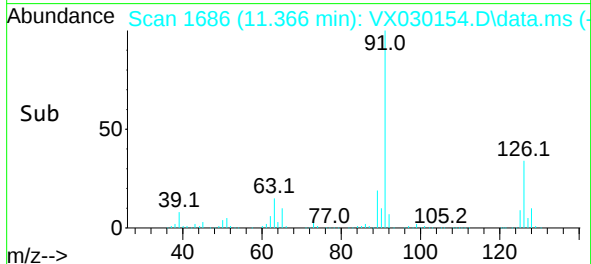
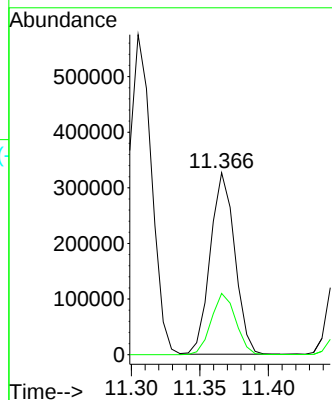
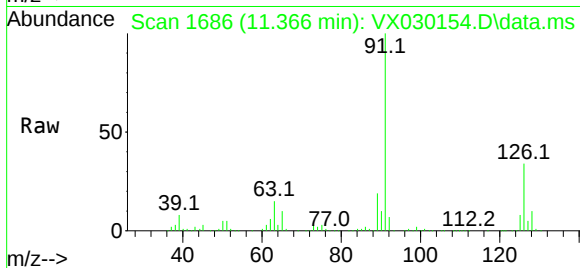




#79
2-Chlorotoluene
Concen: 56.133 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

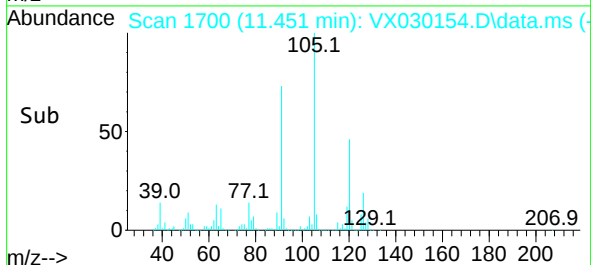
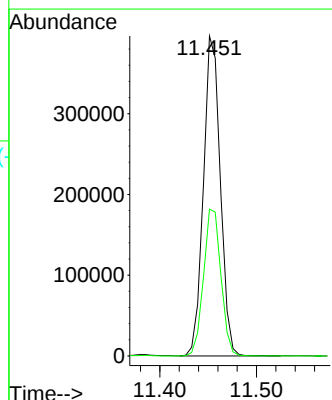
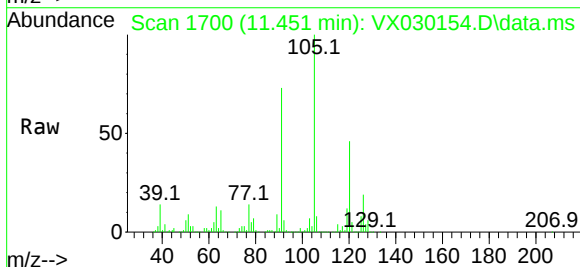
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

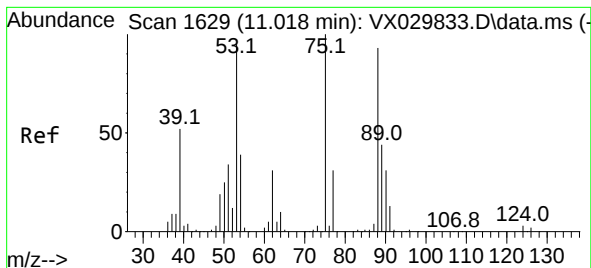
Tgt Ion: 91 Resp: 405425
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 56.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 105 Resp: 482179
Ion Ratio Lower Upper
105 100
120 47.3 24.4 73.2

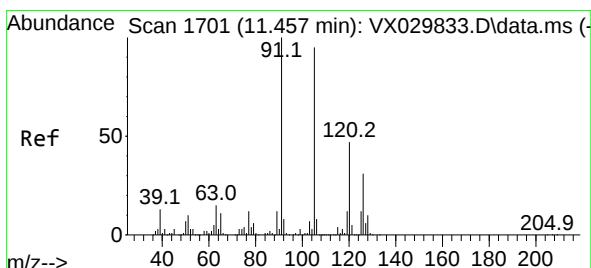
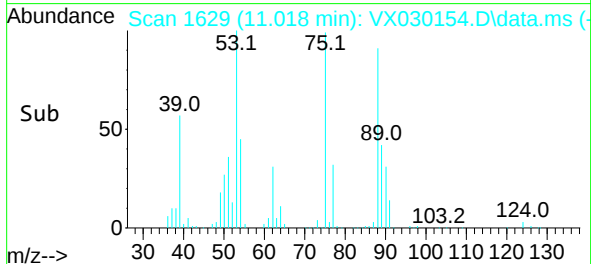
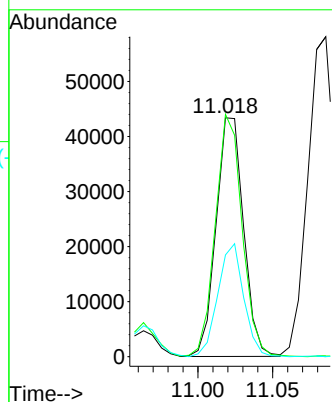
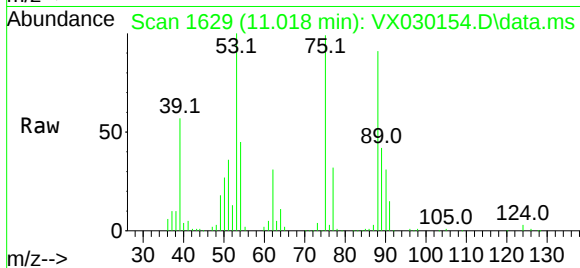




#81
trans-1,4-Dichloro-2-butene
Concen: 47.683 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

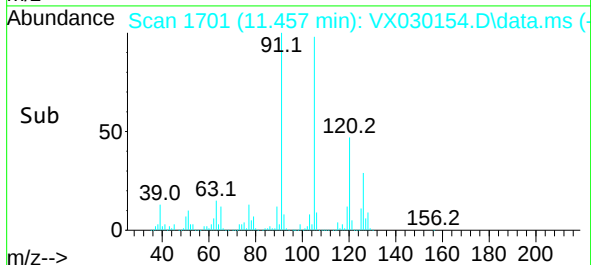
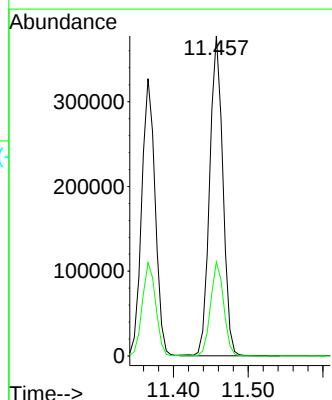
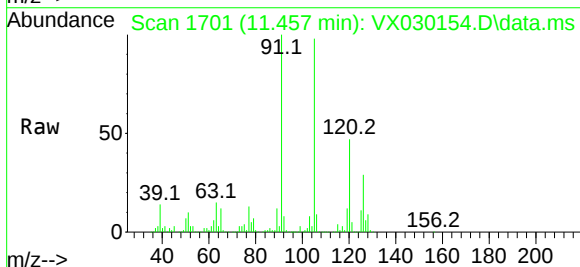
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

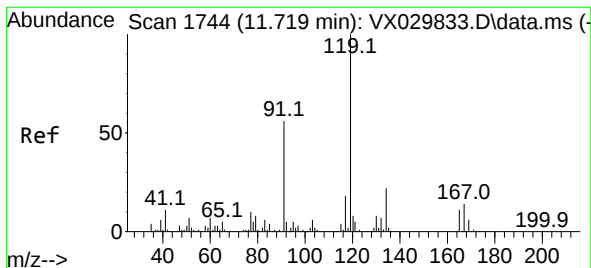
Tgt Ion: 75 Resp: 55454
Ion Ratio Lower Upper
75 100
53 98.8 74.2 111.4
89 44.6 34.8 52.2



#82
4-Chlorotoluene
Concen: 57.252 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 91 Resp: 463293
Ion Ratio Lower Upper
91 100
126 29.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 54.627 ug/l

RT: 11.719 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

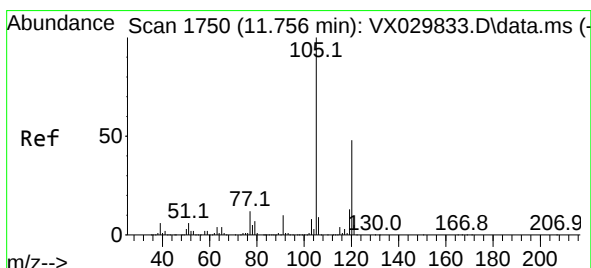
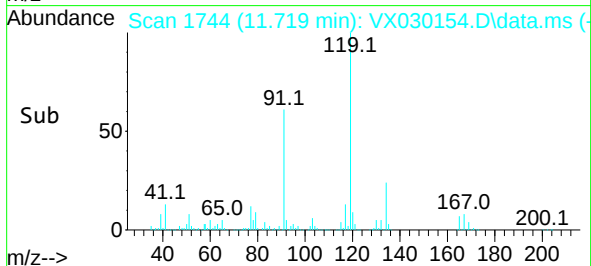
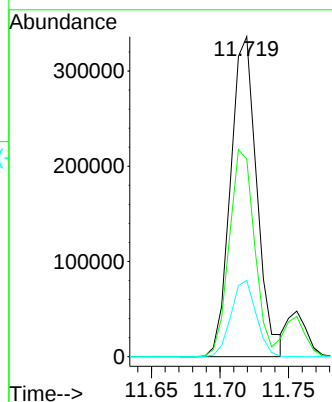
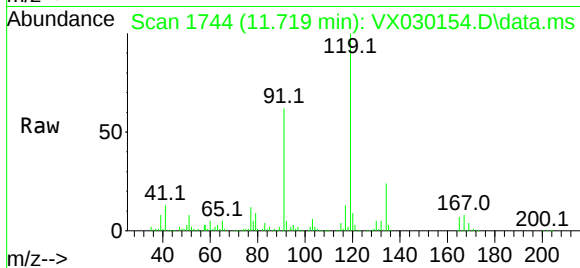
Tgt Ion:119 Resp: 448671

Ion Ratio Lower Upper

119 100

91 62.3 28.3 84.9

134 22.9 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 57.129 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030154.D

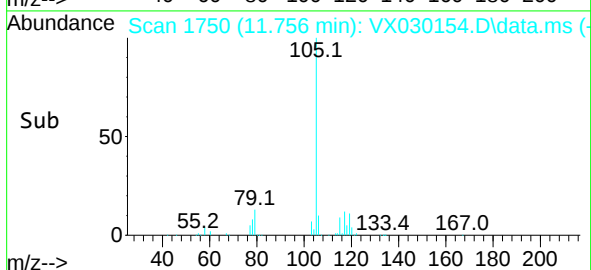
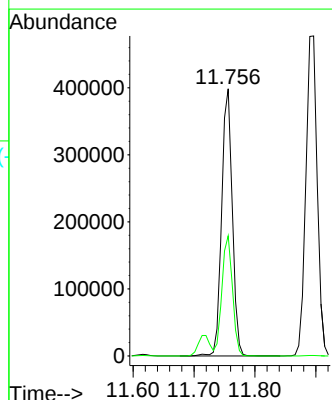
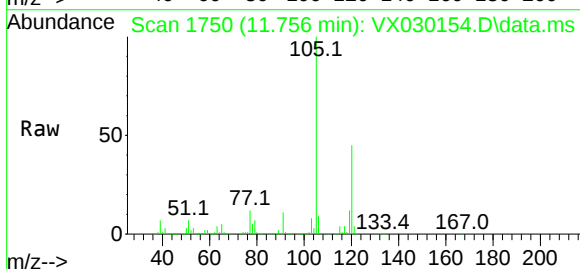
Acq: 21 Jul 2022 00:15

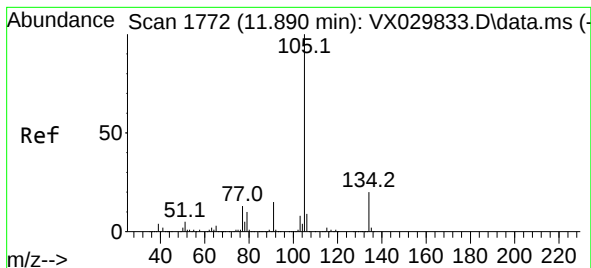
Tgt Ion:105 Resp: 483961

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 56.813 ug/l

RT: 11.896 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

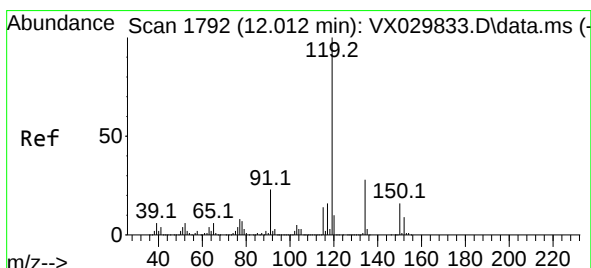
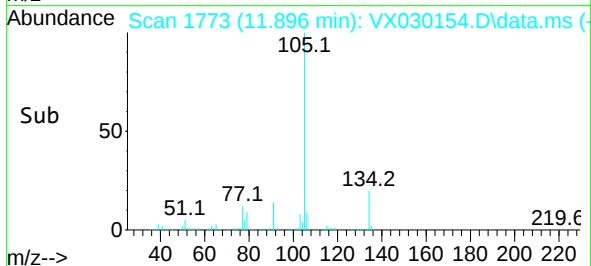
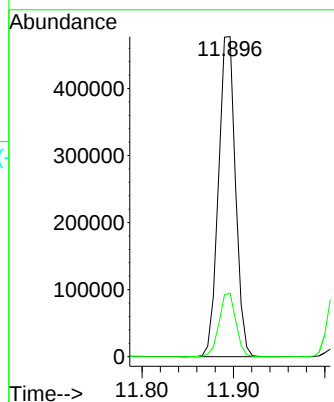
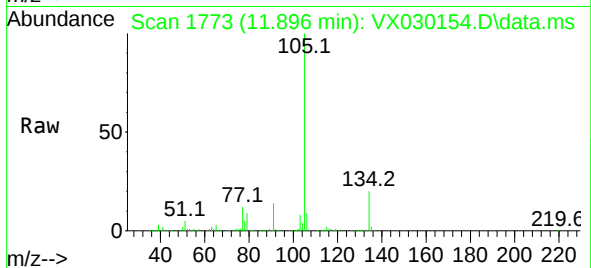
VSTDCCC050EC

Tgt Ion:105 Resp: 616888

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 55.952 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

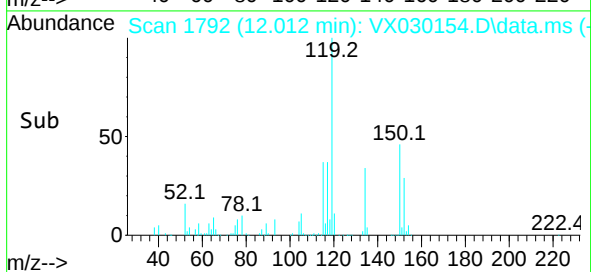
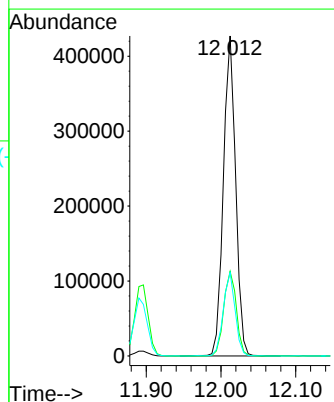
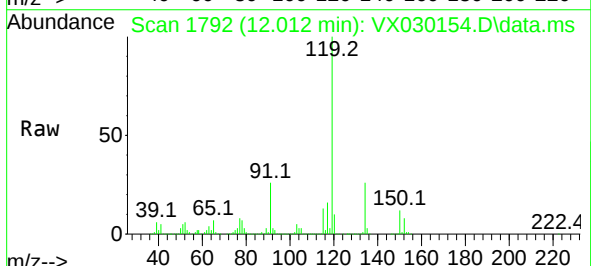
Tgt Ion:119 Resp: 487398

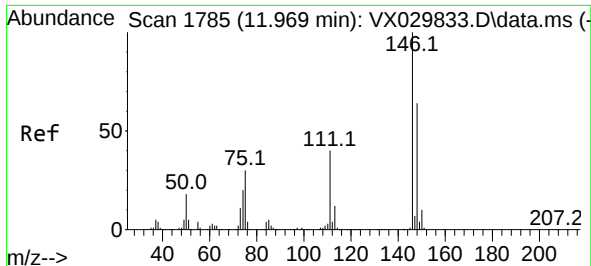
Ion Ratio Lower Upper

119 100

134 27.3 13.9 41.6

91 25.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.535 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

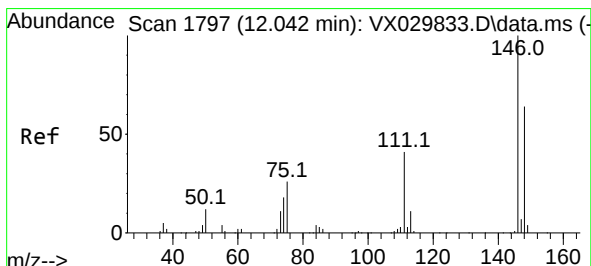
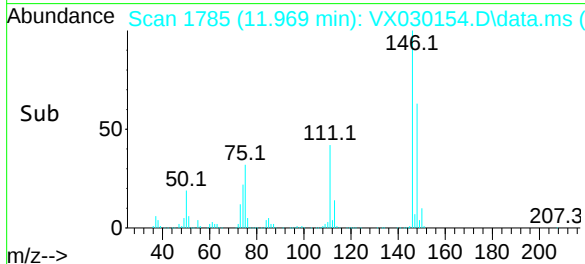
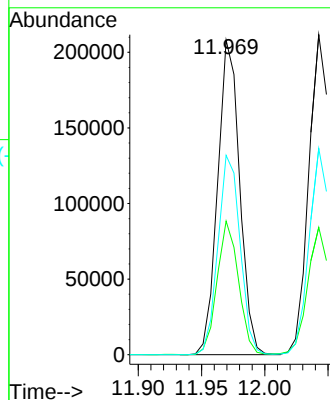
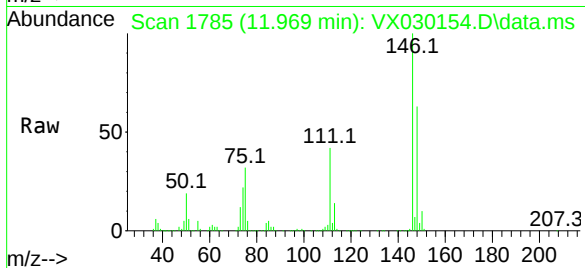
Tgt Ion:146 Resp: 251550

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.116 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

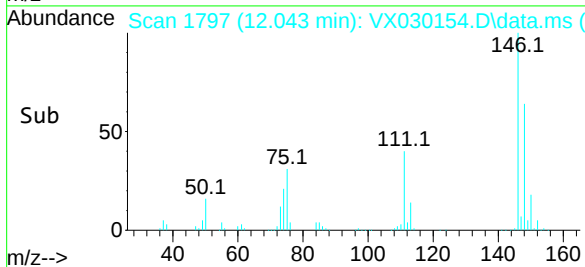
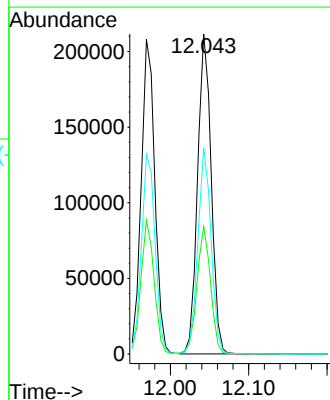
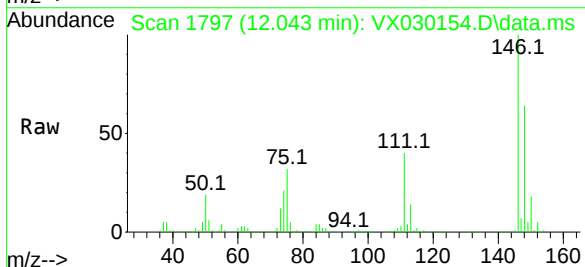
Tgt Ion:146 Resp: 256125

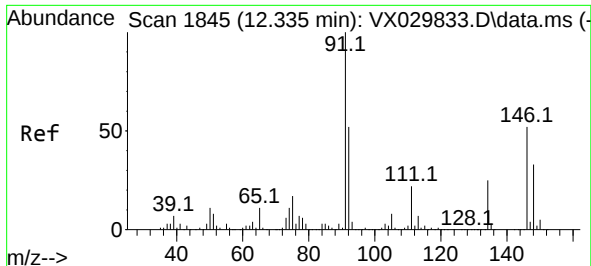
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 59.347 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

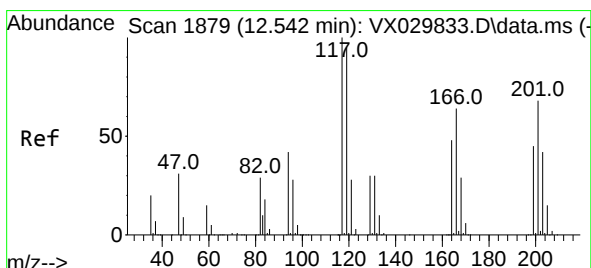
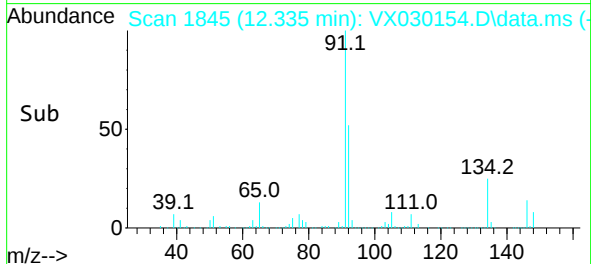
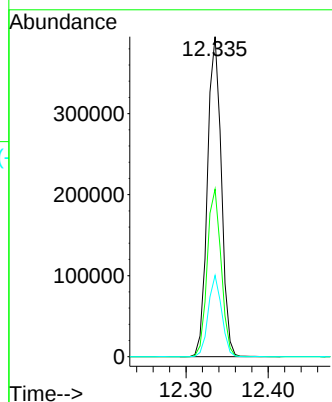
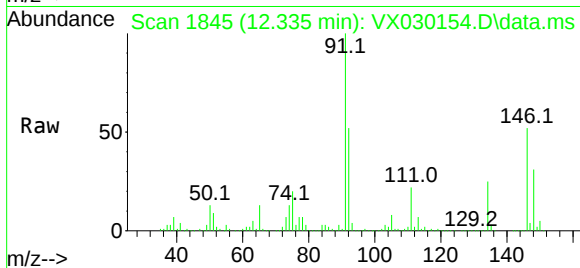
Tgt Ion: 91 Resp: 463194

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 56.648 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX030154.D

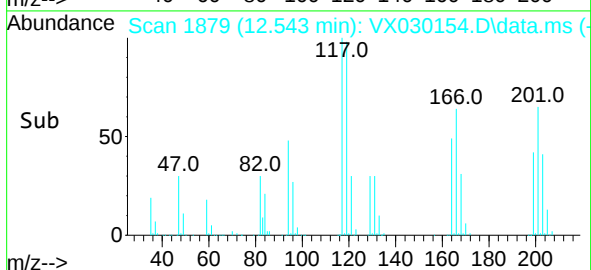
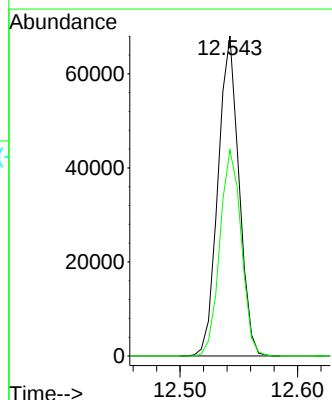
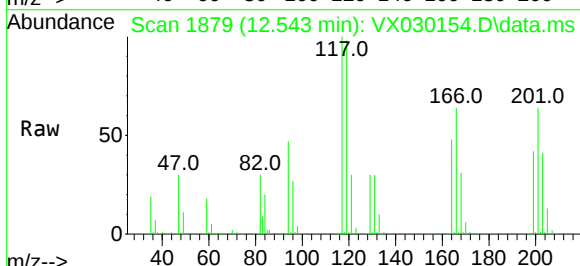
Acq: 21 Jul 2022 00:15

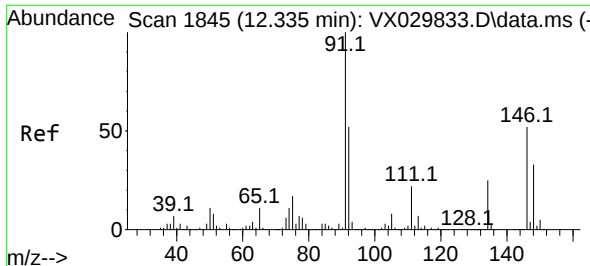
Tgt Ion: 117 Resp: 84357

Ion Ratio Lower Upper

117 100

201 65.7 34.2 102.5

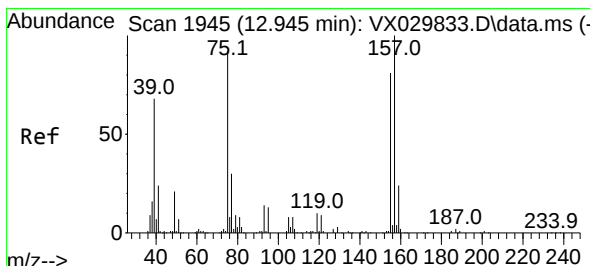
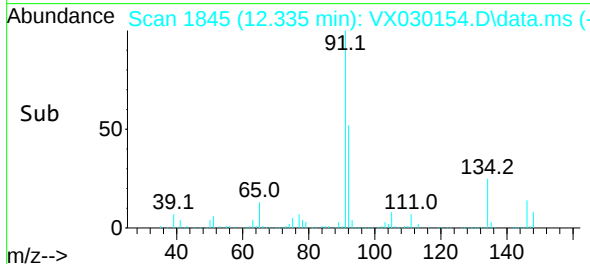
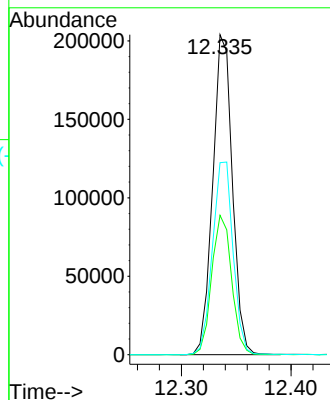
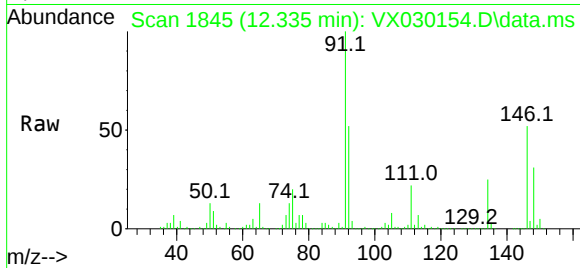




#91
1,2-Dichlorobenzene
Concen: 53.244 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

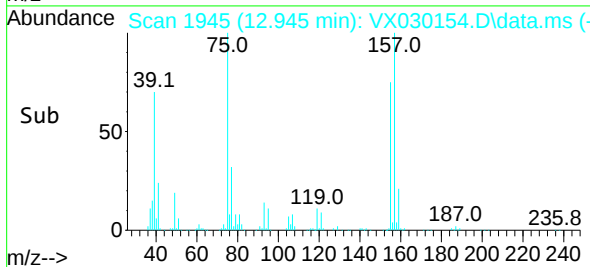
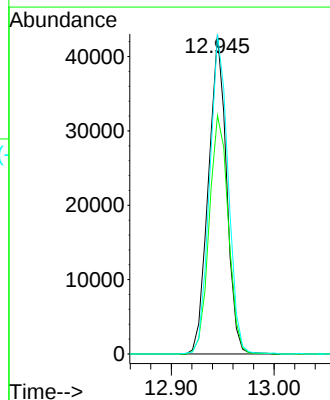
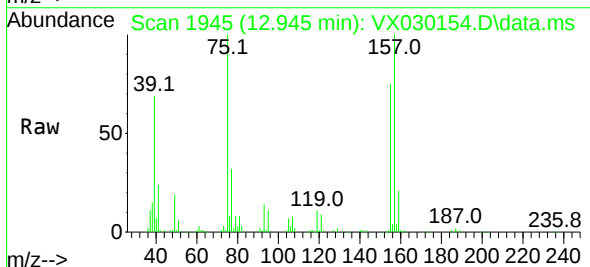
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

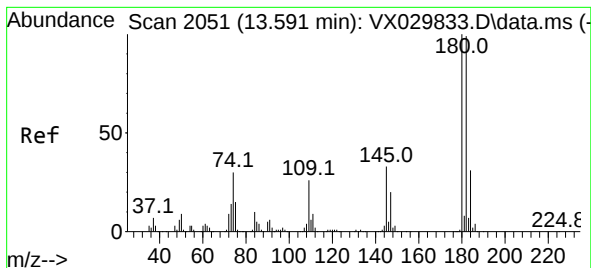
Tgt Ion:146 Resp: 254176
Ion Ratio Lower Upper
146 100
111 44.0 20.7 62.1
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.587 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion: 75 Resp: 52405
Ion Ratio Lower Upper
75 100
155 78.7 45.0 134.8
157 102.0 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 50.844 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

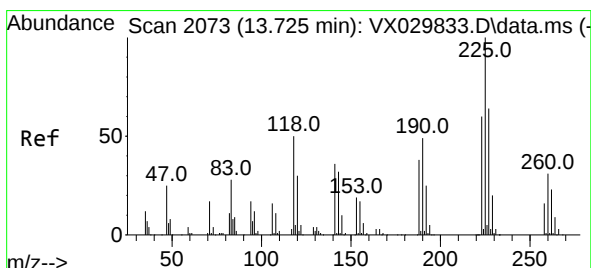
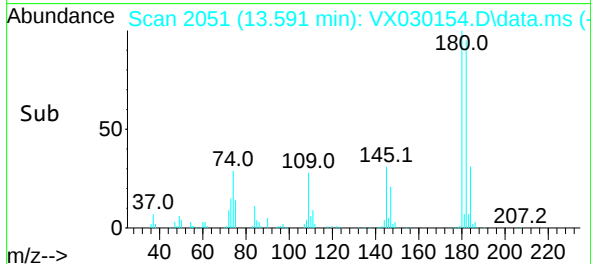
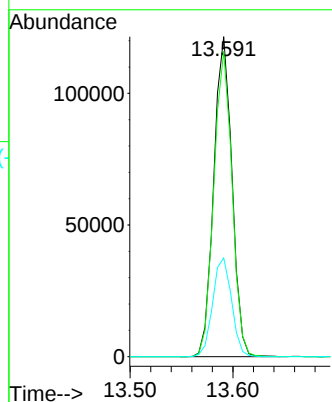
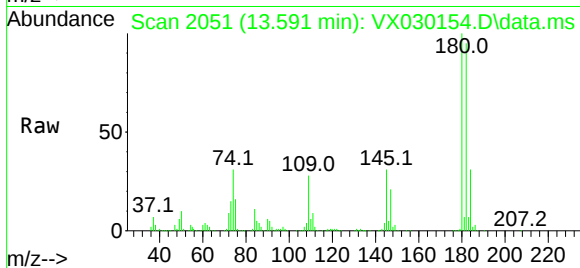
Tgt Ion:180 Resp: 149084

Ion Ratio Lower Upper

180 100

182 95.6 48.2 144.6

145 32.0 15.9 47.6



#94

Hexachlorobutadiene

Concen: 47.176 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030154.D

Acq: 21 Jul 2022 00:15

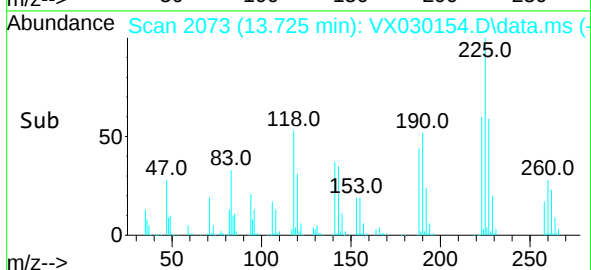
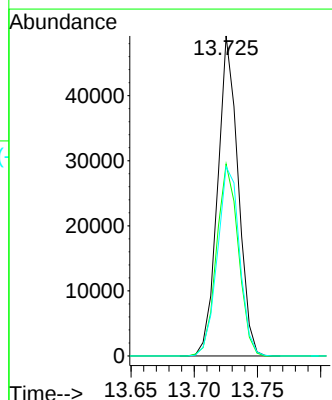
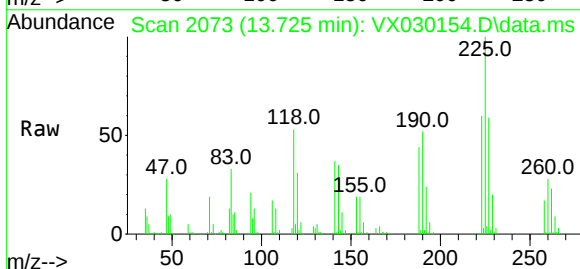
Tgt Ion:225 Resp: 55227

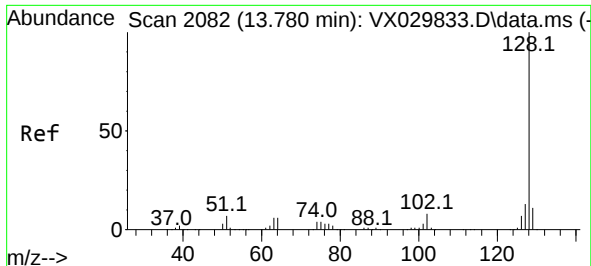
Ion Ratio Lower Upper

225 100

223 63.7 30.6 91.6

227 64.1 31.9 95.9

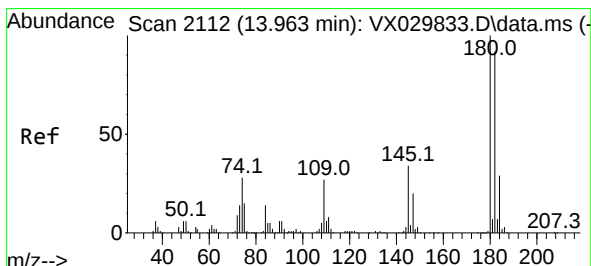
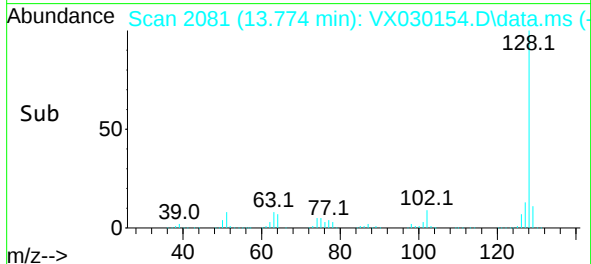
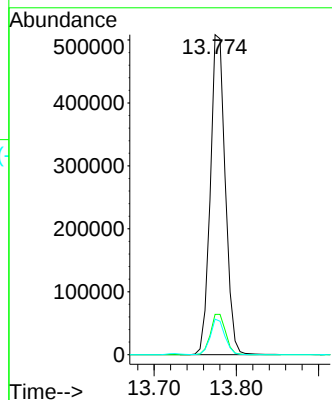
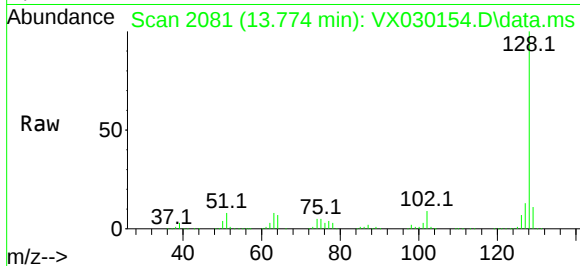




#95
Naphthalene
Concen: 55.110 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 641403
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.467 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030154.D
Acq: 21 Jul 2022 00:15

Tgt Ion:180 Resp: 159517
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.0
145 34.5 17.0 50.9

